

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091123\
 Data File : VU055226.D
 Acq On : 11 Sep 2023 09:38
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 11 10:11:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Sep 11 09:45:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.116	96	58504	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	21936	1.038	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	21231	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	19239	0.910	ug/l	98
3) Chloromethane	1.518	50	20322	0.943	ug/l	97
4) Vinyl Chloride	1.602	62	20655	0.907	ug/l	99
5) Bromomethane	1.853	94	18049	0.936	ug/l	96
6) Chloroethane	1.930	64	13579	0.933	ug/l	95
7) Trichlorofluoromethane	2.136	101	28850	0.846	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	14572	0.862	ug/l	94
9) 1,1-Dichloroethene	2.576	96	12825	0.830	ug/l	97
10) Iodomethane	2.721	142	13310	0.849	ug/l	94
11) Allyl Chloride	2.920	41	15509	0.889	ug/l	# 79
12) Acrylonitrile	3.332	53	4851	1.616	ug/l	91
13) Acetone	2.627	43	20576	3.494	ug/l	96
14) Carbon Disulfide	2.791	76	43510	0.918	ug/l	99
15) Methylene Chloride	3.042	84	15774	0.432	ug/l	94
16) trans-1,2-Dichloroethene	3.354	96	15607	0.977	ug/l	95
17) 1,1-Dichloroethane	3.869	63	30458	1.045	ug/l	99
18) 2-Butanone	4.717	43	20638	3.443	ug/l	97
19) Cyclohexane	5.386	56	21254	0.886	ug/l	# 87
20) Methylcyclohexane	6.759	83	25857	0.862	ug/l	97
21) 2,2-Dichloropropane	4.660	77	22974	0.921	ug/l	98
22) cis-1,2-Dichloroethene	4.666	96	21261	1.225	ug/l	99
23) Diethyl Ether	2.373	59	10261	0.836	ug/l	94
24) tert-Butyl Alcohol	3.190	59	8013m	7.186	ug/l	
25) Methyl tert-Butyl Ether	3.364	73	28346	0.827	ug/l	94
26) Bromochloromethane	4.975	128	6934	0.992	ug/l	98
27) Chloroform	5.087	83	32378	1.070	ug/l	95
28) 1,1,1-Trichloroethane	5.312	97	26705	1.024	ug/l	98
29) 1,1-Dichloropropene	5.531	75	21718	0.962	ug/l	96
30) Carbon Tetrachloride	5.524	117	23108	1.113	ug/l	98
31) Isopropyl Ether	3.994	45	37795	0.943	ug/l	96
32) Ethyl-t-butyl ether	4.502	59	36605	0.889	ug/l	98
33) Tert-Amyl methyl ether	5.939	73	31843	0.869	ug/l	99
34) Propionitrile	4.798	54	4401m	4.356	ug/l	
35) Benzene	5.775	78	65825	0.997	ug/l	99
36) 1,2-Dichloroethane	5.791	62	17748	0.936	ug/l	99
37) Trichloroethene	6.544	130	19802	1.192	ug/l	93
38) 1,2-Dichloropropane	6.791	63	17484	1.033	ug/l	97
39) Methacrylonitrile	4.988	41	2976m	0.722	ug/l	
40) Methyl acrylate	4.885	55	4925m	0.659	ug/l	
41) Tetrahydrofuran	5.081	42	4176m	1.940	ug/l	
42) 1-Chlorobutane	5.457	56	28267	0.942	ug/l	97
43) Dibromomethane	6.923	93	8126	1.008	ug/l	98
44) Bromodichloromethane	7.106	83	21092	1.046	ug/l	100

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 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

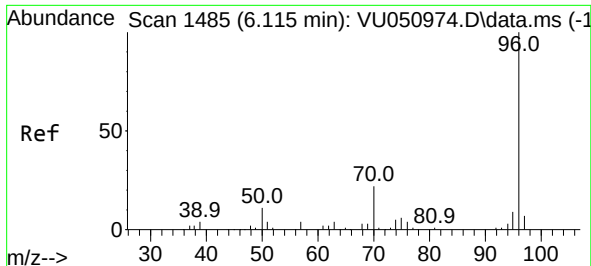
Manual Integrations
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Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 11 10:11:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Sep 11 09:45:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	36488	4.364	ug/l	100
46) t-1,4-Dichloro-2-butene	10.836	75	4331m	0.945	ug/l	
47) Methyl methacrylate	6.962	69	11250	1.518	ug/l	94
48) Ethyl methacrylate	8.338	69	10382	0.722	ug/l	97
49) Toluene	7.968	92	37467	0.926	ug/l	98
50) t-1,3-Dichloropropene	8.212	75	16864	0.903	ug/l	94
51) cis-1,3-Dichloropropene	7.608	75	21771	0.942	ug/l	95
52) 1,1,2-Trichloroethane	8.399	97	11742	1.005	ug/l	92
53) 1,3-Dichloropropane	8.576	76	19293	0.957	ug/l	98
54) 2-Hexanone	8.688	43	33331	3.800	ug/l	95
55) Dibromochloromethane	8.811	129	12436	1.045	ug/l	95
56) 1,2-Dibromoethane	8.926	107	10261	0.953	ug/l	100
58) Tetrachloroethene	8.553	164	21237	1.368	ug/l	99
59) Chlorobenzene	9.447	112	44154	0.991	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.534	131	14476	1.069	ug/l	99
61) Pentachloroethane	11.421	117	7104	0.747	ug/l	89
62) Hexachloroethane	12.473	117	10111	0.924	ug/l	89
63) Ethyl Benzene	9.569	91	68703	0.879	ug/l	100
64) m/p-Xylenes	9.692	106	51442	1.722	ug/l	99
65) o-Xylene	10.100	106	26077	0.892	ug/l	100
66) Styrene	10.116	104	38374	0.854	ug/l	96
67) Bromoform	10.293	173	6059	1.082	ug/l	98
69) Isopropylbenzene	10.483	105	68430	0.894	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	11592	0.824	ug/l	99
71) 1,2,3-Trichloropropane	10.823	75	9914m	0.933	ug/l	
72) Bromobenzene	10.782	156	16117	1.005	ug/l	95
73) n-propylbenzene	10.907	120	17905	0.885	ug/l	96
74) 2-Chlorotoluene	10.987	126	16868	0.965	ug/l	98
75) 1,3,5-Trimethylbenzene	11.087	105	55034	0.856	ug/l	100
76) 4-Chlorotoluene	11.097	126	16818	0.926	ug/l	98
77) tert-Butylbenzene	11.418	119	51499	0.864	ug/l	95
78) 1,2,4-Trimethylbenzene	11.466	105	55524	0.848	ug/l	99
79) sec-Butylbenzene	11.643	105	72096	0.840	ug/l	100
80) Nitrobenzene	13.225	77	1249m	3.533	ug/l	
81) p-Isopropyltoluene	11.791	119	53948	0.800	ug/l	96
82) 1,3-Dichlorobenzene	11.746	146	35015	1.024	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	33224	0.961	ug/l	98
84) n-Butylbenzene	12.209	91	48129	0.723	ug/l	99
85) 1,2-Dichlorobenzene	12.212	146	31873	0.984	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1401	0.656	ug/l #	85
87) 1,2,4-Trichlorobenzene	13.842	180	16312	0.863	ug/l	99
88) Hexachlorobutadiene	14.016	225	11564	1.280	ug/l	96
89) Naphthalene	14.090	128	21007	0.553	ug/l	96
90) 1,2,3-Trichlorobenzene	14.331	180	13613	0.836	ug/l	94

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



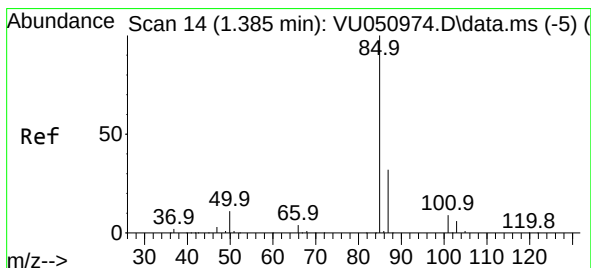
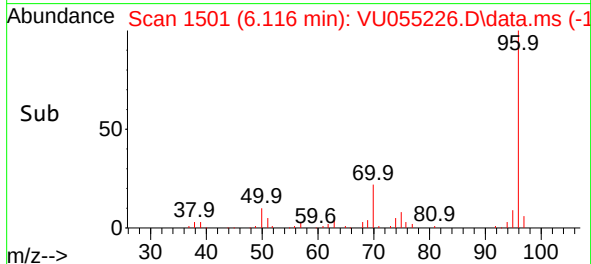
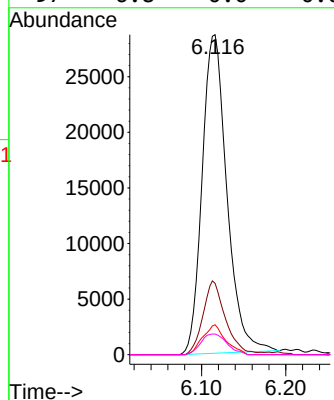
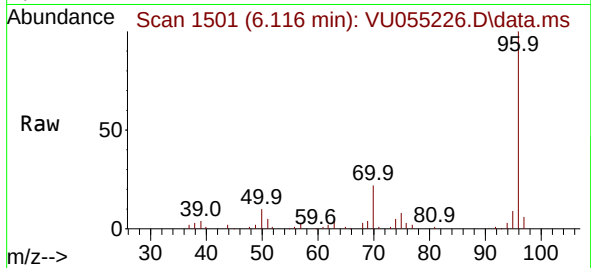
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.116 min Scan# 1
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 58504
Ion Ratio Lower Upper
96 100
70 20.1 16.5 24.7
95 8.7 7.4 11.0
97 6.8 0.0 0.0#

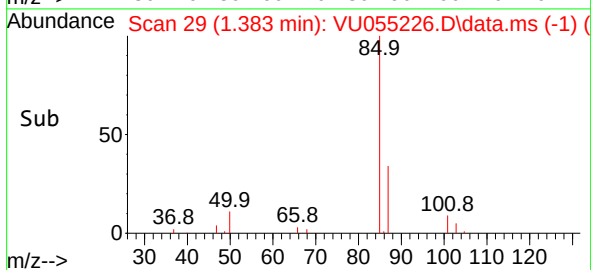
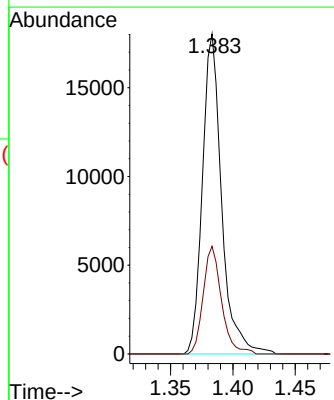
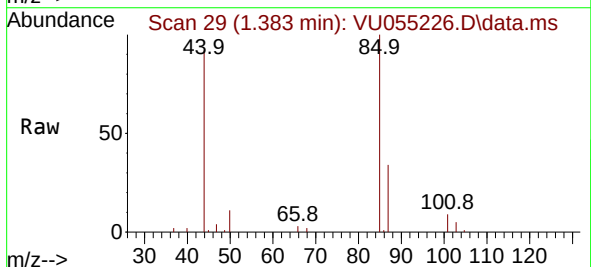
Manual Integrations
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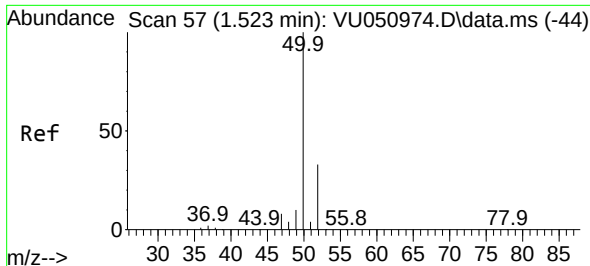
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 0.910 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

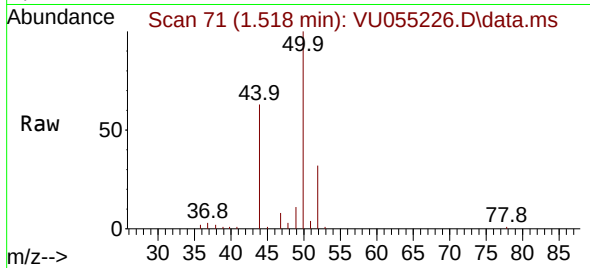
Tgt Ion: 85 Resp: 19239
Ion Ratio Lower Upper
85 100
87 33.7 16.2 48.6





#3
Chloromethane
Concen: 0.943 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.005 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

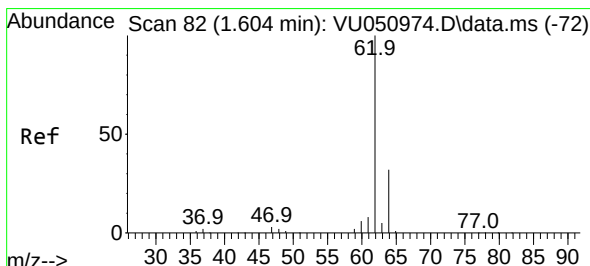
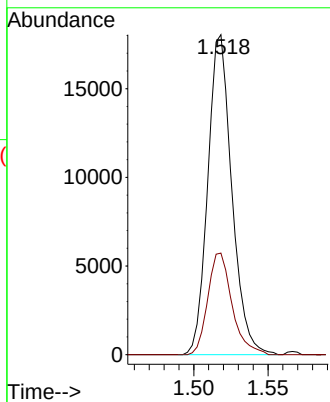
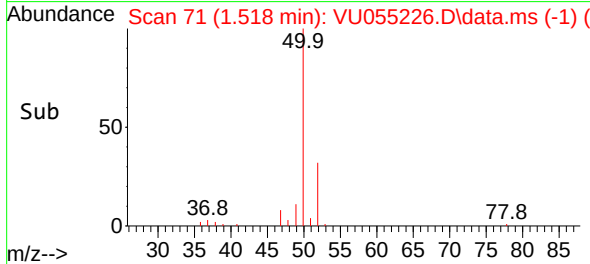
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 2032
Ion Ratio Lower Upper
50 100
52 31.8 26.6 40.0

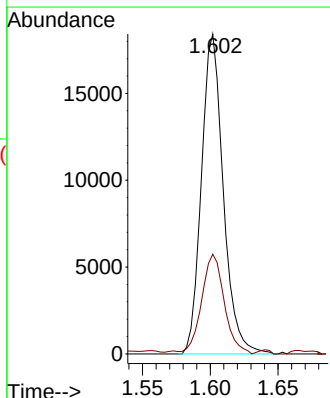
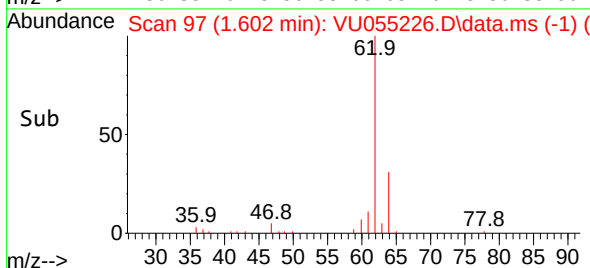
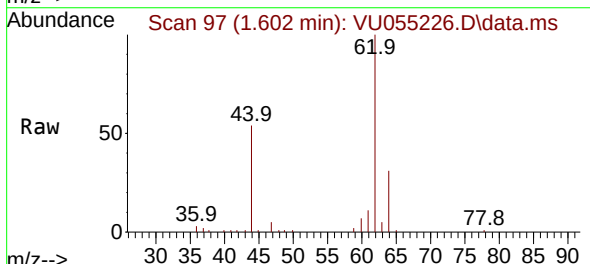
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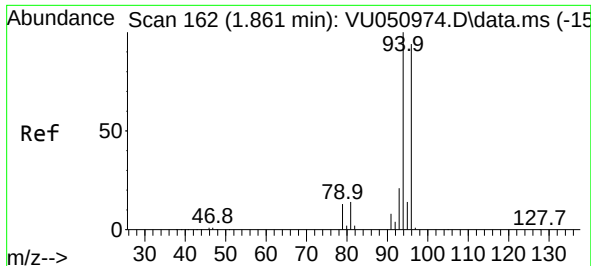
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#4
Vinyl Chloride
Concen: 0.907 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Tgt Ion: 62 Resp: 20655
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.2





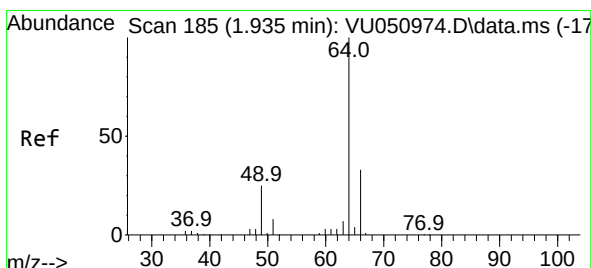
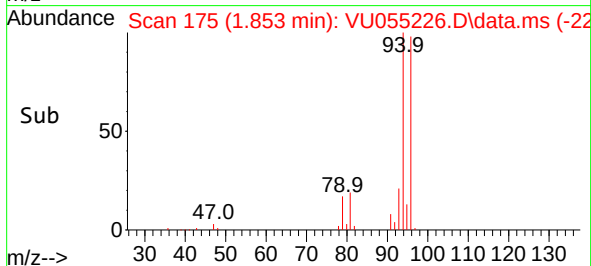
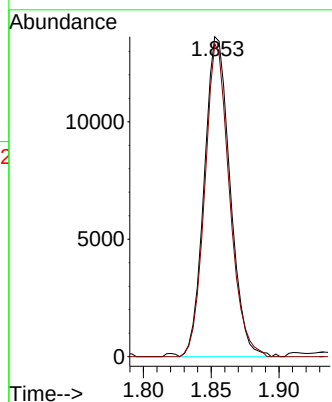
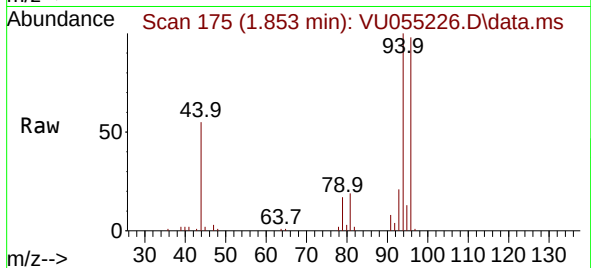
#5
Bromomethane
Concen: 0.936 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.008 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 18049
Ion Ratio Lower Upper
94 100
96 97.8 75.4 113.2

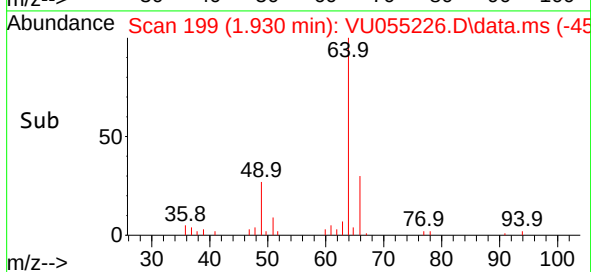
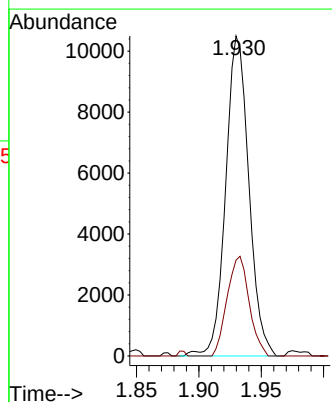
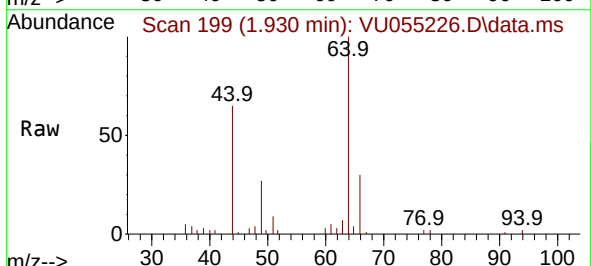
Manual Integrations
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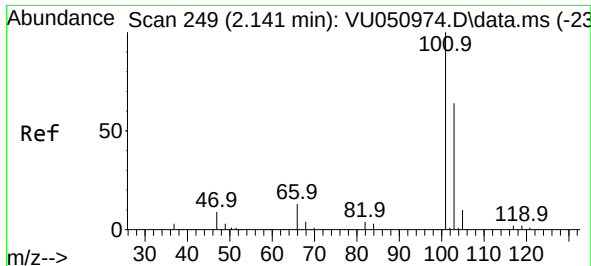
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#6
Chloroethane
Concen: 0.933 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.005 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

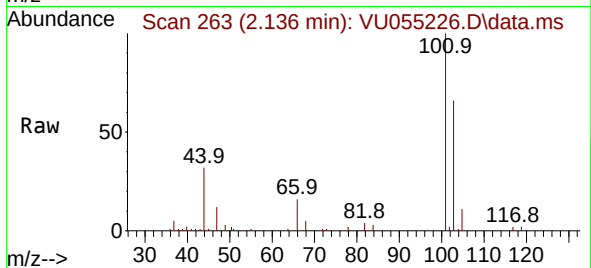
Tgt Ion: 64 Resp: 13579
Ion Ratio Lower Upper
64 100
66 29.9 26.0 39.0





#7
Trichlorofluoromethane
Concen: 0.846 ug/l
RT: 2.136 min Scan# 20
Delta R.T. -0.005 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

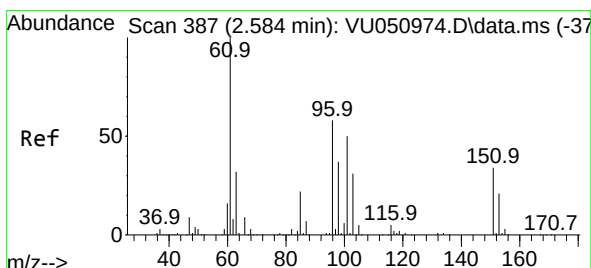
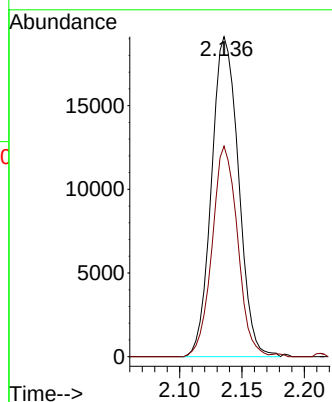
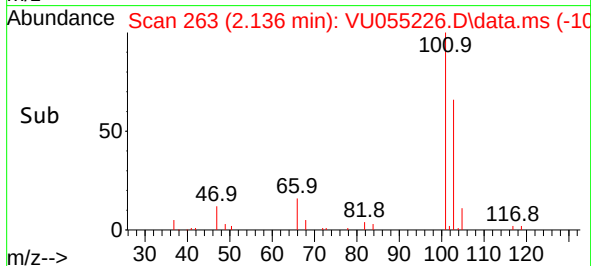
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



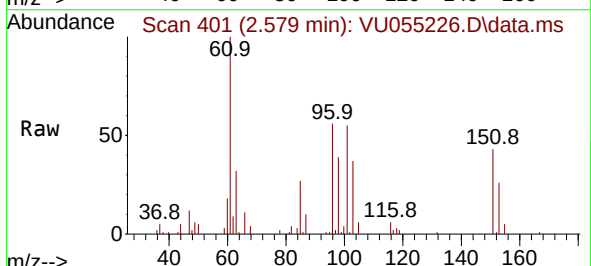
Tgt Ion:101 Resp: 28850
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.0

Manual Integrations
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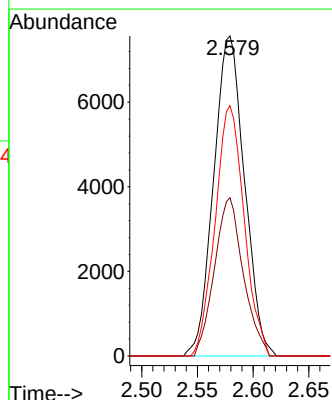
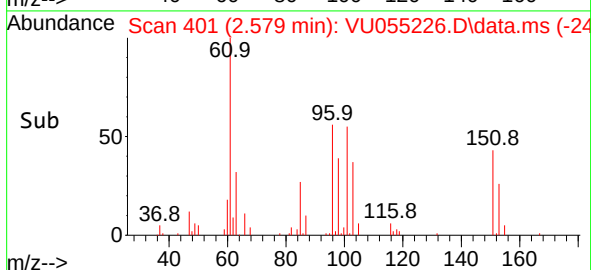
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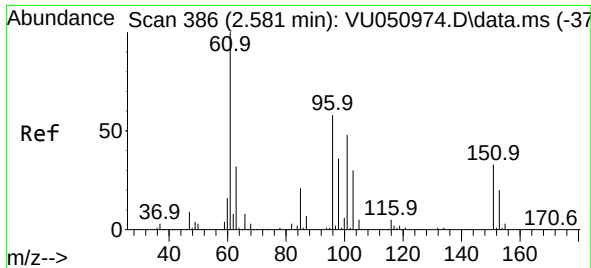


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.862 ug/l
RT: 2.579 min Scan# 401
Delta R.T. -0.005 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38



Tgt Ion:101 Resp: 14572
Ion Ratio Lower Upper
101 100
85 46.3 35.4 53.0
151 73.7 54.0 81.0





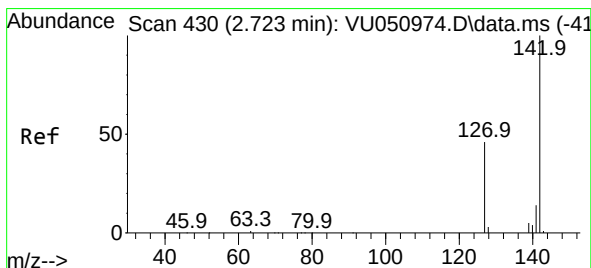
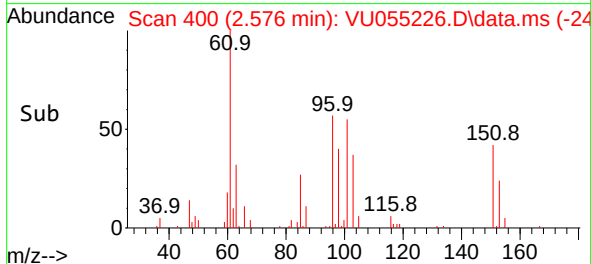
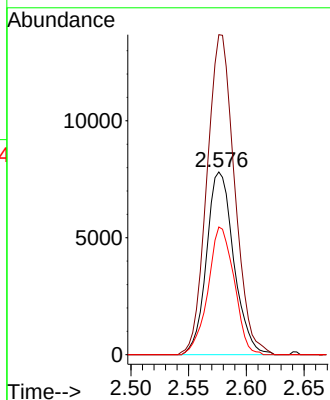
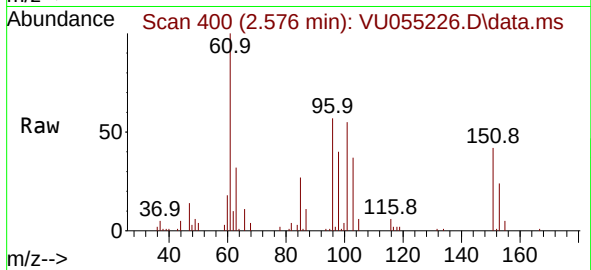
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1,1-Dichloroethene
Concen: 0.830 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.005 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 1282
Ion Ratio Lower Upper
96 100
61 175.2 0.0 521.4
98 69.9 0.0 125.8

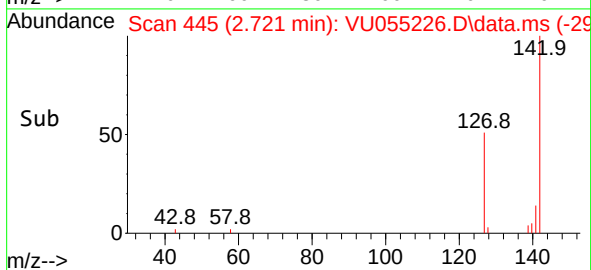
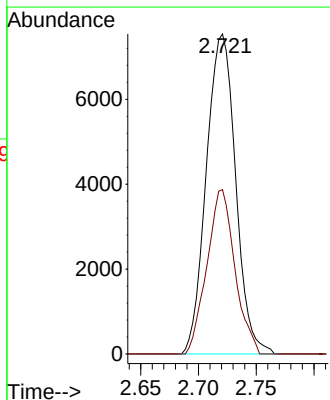
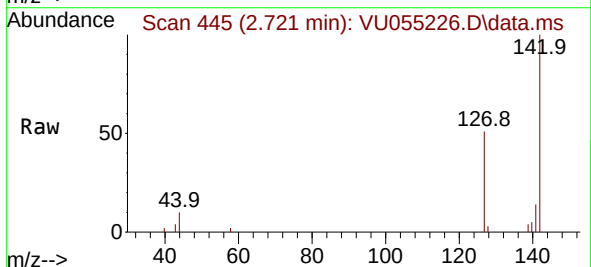
Manual Integrations
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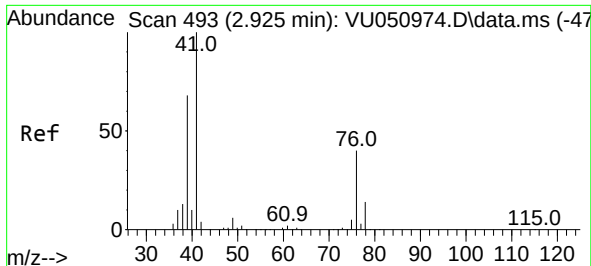
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Iodomethane
Concen: 0.849 ug/l
RT: 2.721 min Scan# 445
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

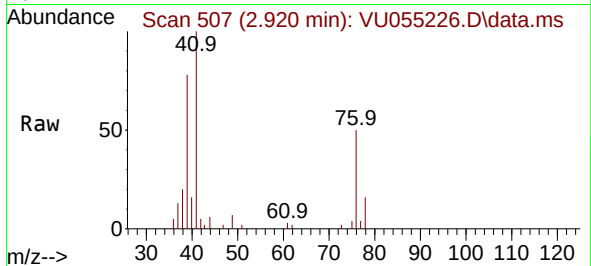
Tgt Ion:142 Resp: 13310
Ion Ratio Lower Upper
142 100
127 49.0 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.889 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. -0.005 min
 Lab File: VU055226.D
 Acq: 11 Sep 2023 09:38

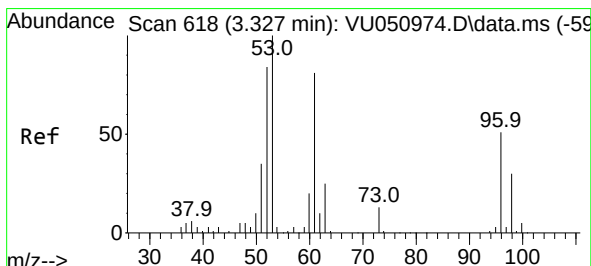
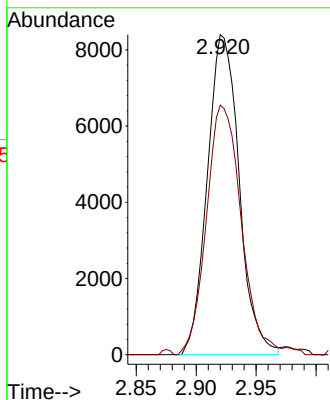
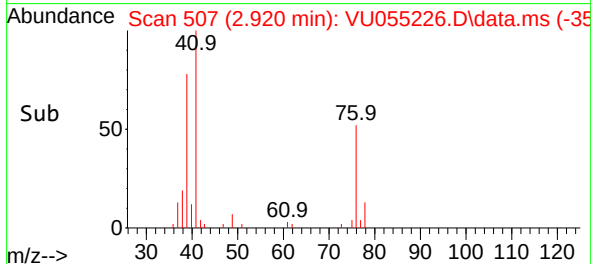
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



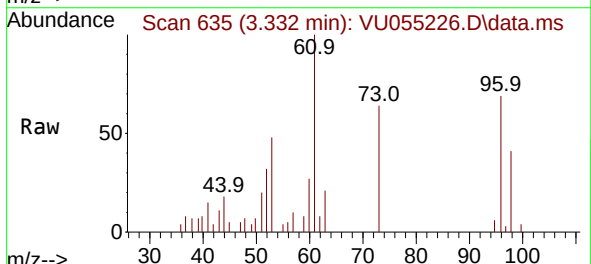
Tgt Ion: 41 Resp: 15509
 Ion Ratio Lower Upper
 41 100
 39 84.9 54.2 81.2

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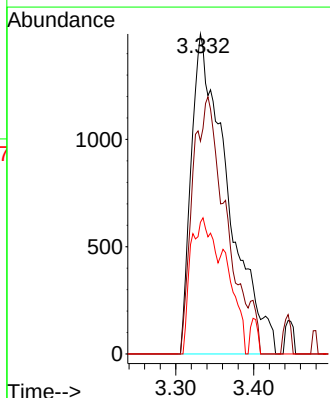
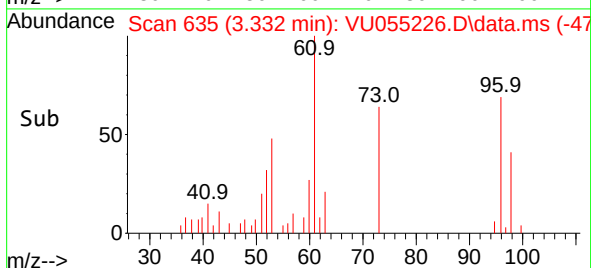
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

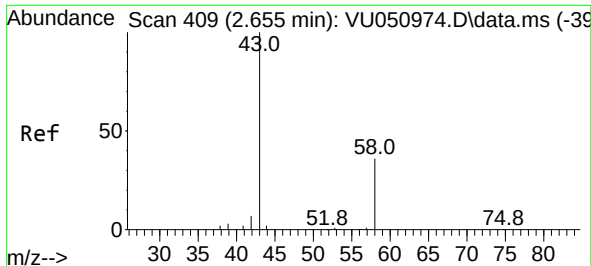


#12
 Acrylonitrile
 Concen: 1.616 ug/l
 RT: 3.332 min Scan# 635
 Delta R.T. 0.005 min
 Lab File: VU055226.D
 Acq: 11 Sep 2023 09:38



Tgt Ion: 53 Resp: 4851
 Ion Ratio Lower Upper
 53 100
 52 72.0 62.9 94.3
 51 27.8 27.8 41.6





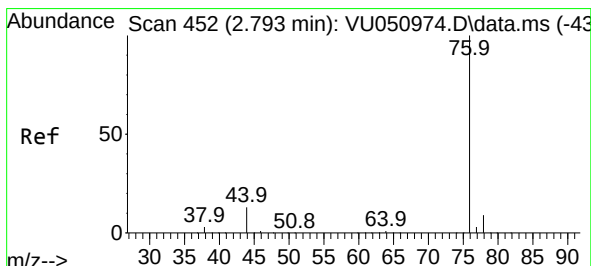
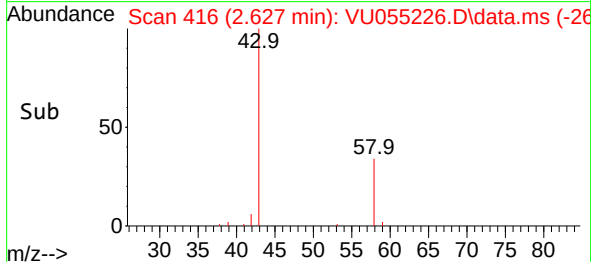
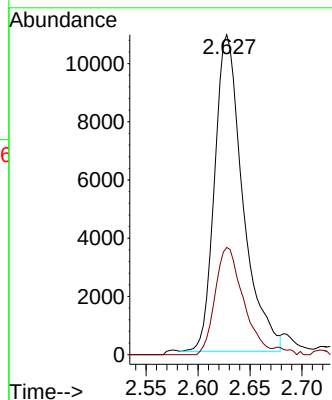
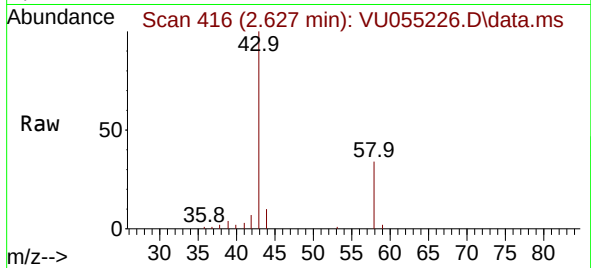
#13
Acetone
Concen: 3.494 ug/l
RT: 2.627 min Scan# 416
Delta R.T. -0.027 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 20570
Ion Ratio Lower Upper
43 100
58 33.9 29.0 43.4

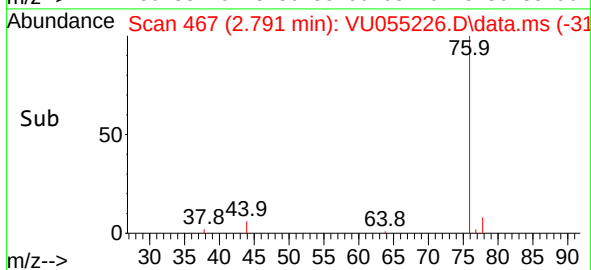
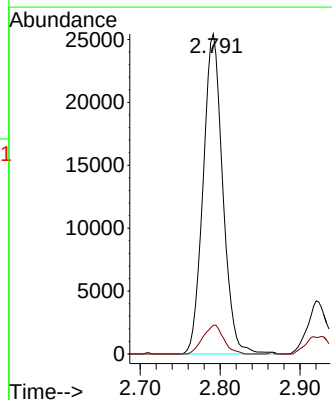
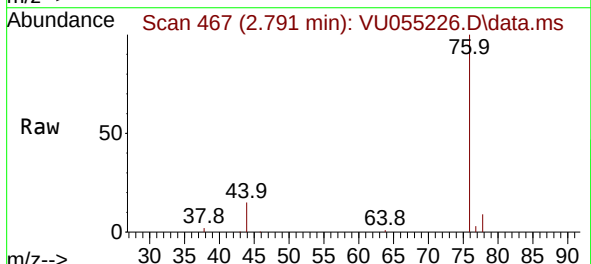
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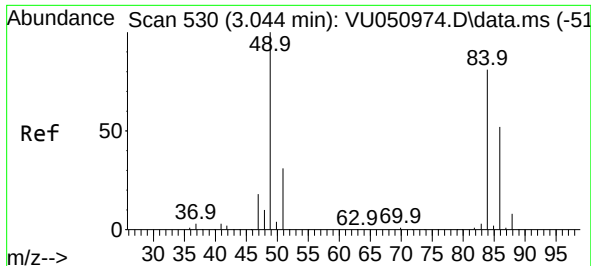
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#14
Carbon Disulfide
Concen: 0.918 ug/l
RT: 2.791 min Scan# 467
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

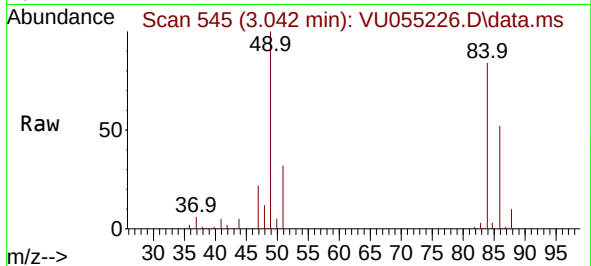
Tgt Ion: 76 Resp: 43510
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0





#15
Methylene Chloride
Concen: 0.432 ug/l
RT: 3.042 min Scan# 54
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

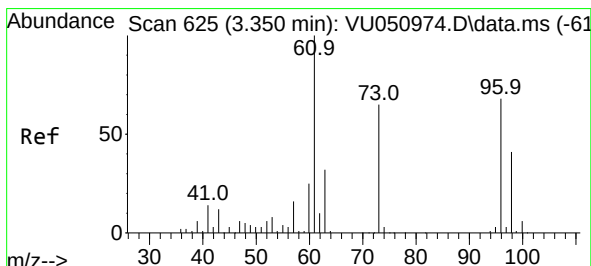
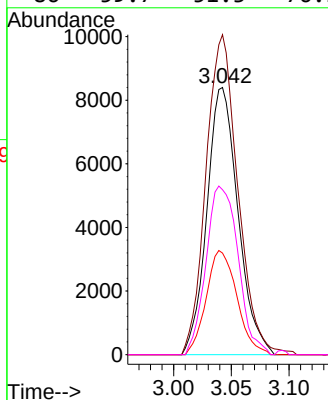
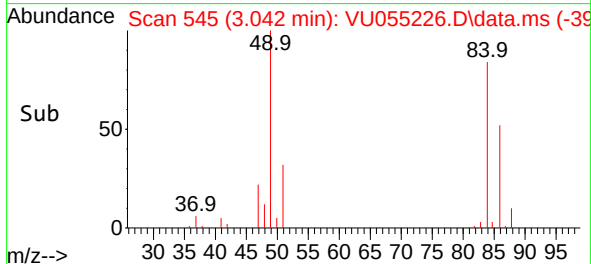
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.8	98.9	148.3
51	36.8	0.0	75.4
86	59.7	51.3	76.9

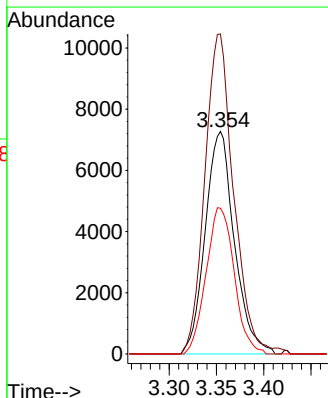
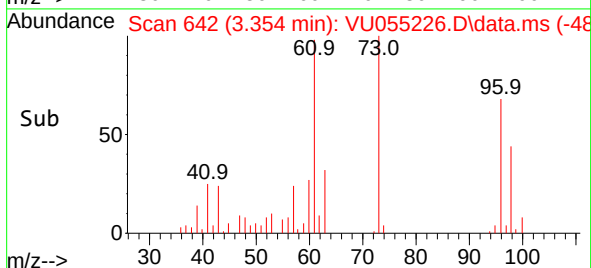
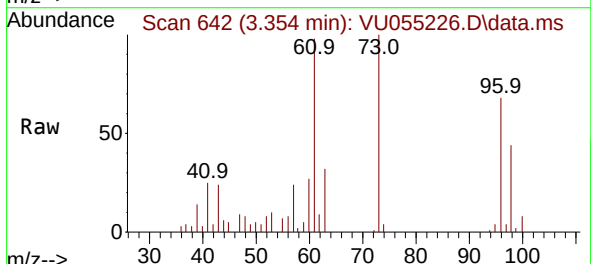
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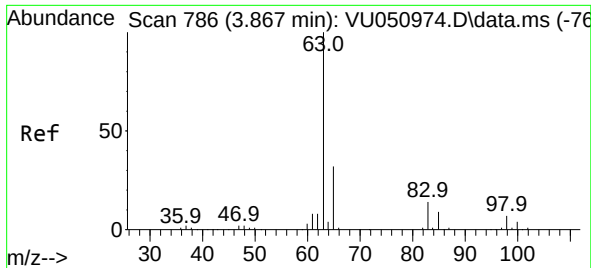
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#16
trans-1,2-Dichloroethene
Concen: 0.977 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.004 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.8	117.5	176.3
98	69.0	48.3	72.5





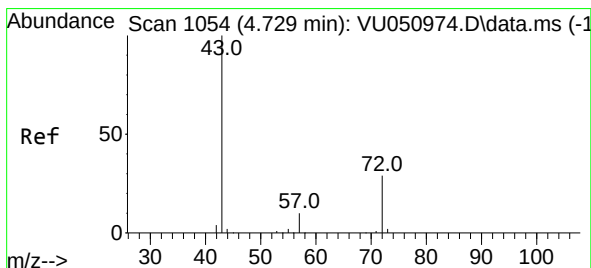
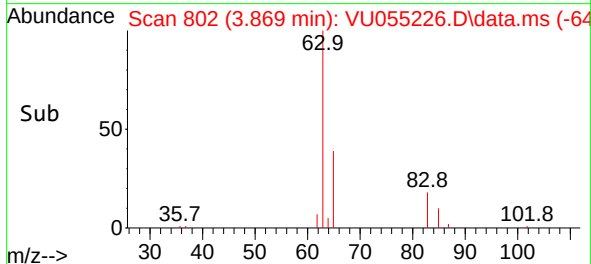
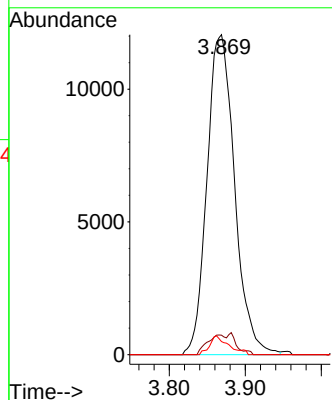
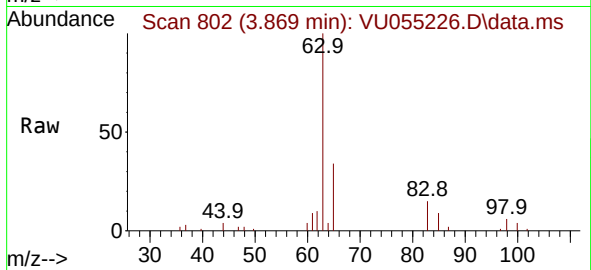
#17
1,1-Dichloroethane
Concen: 1.045 ug/l
RT: 3.869 min Scan# 80
Delta R.T. 0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 30458
Ion Ratio Lower Upper
63 100
98 6.1 3.4 10.1
100 4.1 2.2 6.6

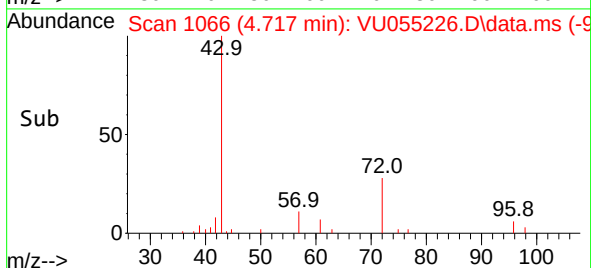
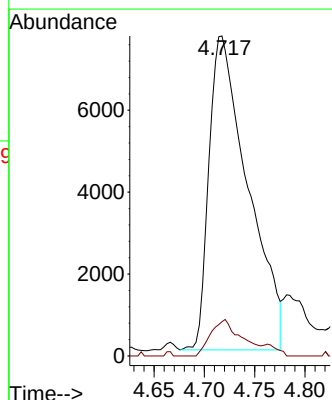
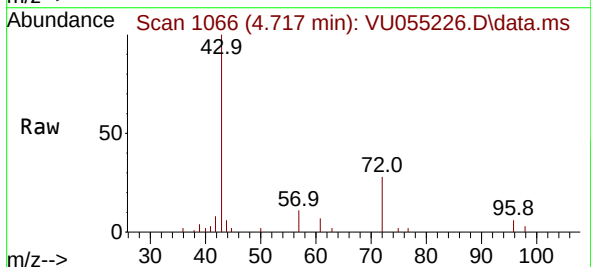
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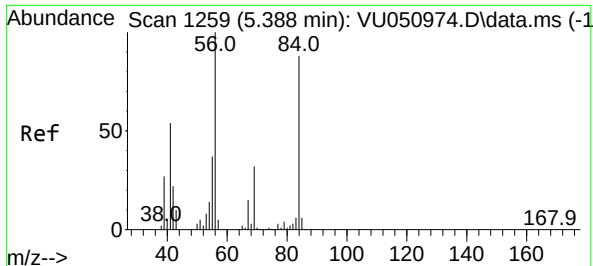
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#18
2-Butanone
Concen: 3.443 ug/l
RT: 4.717 min Scan# 1066
Delta R.T. -0.012 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Tgt Ion: 43 Resp: 20638
Ion Ratio Lower Upper
43 100
57 10.9 0.0 19.6





#19

Cyclohexane

Concen: 0.886 ug/l

RT: 5.386 min Scan# 11

Delta R.T. -0.002 min

Lab File: VU055226.D

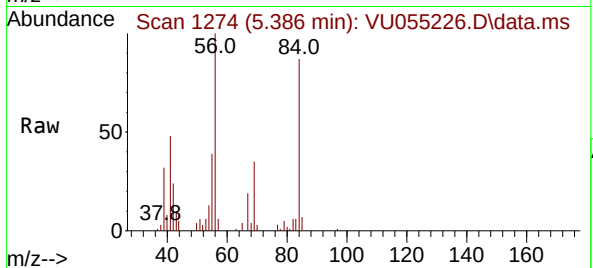
Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001



Tgt Ion: 56 Resp: 21254

Ion Ratio Lower Upper

56 100

69 37.0 24.6 37.0

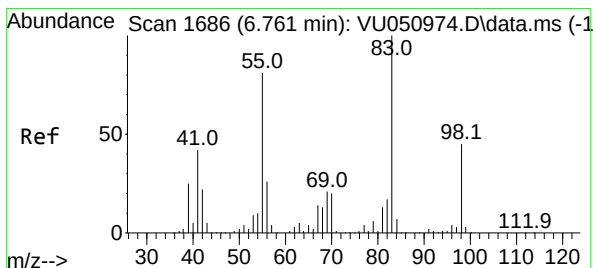
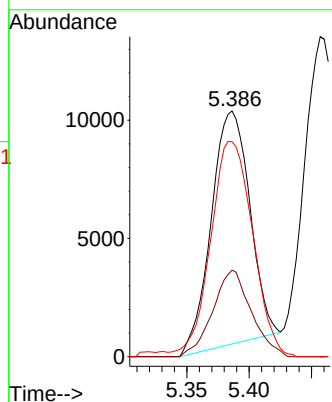
84 98.0 68.4 102.6

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Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#20

Methylcyclohexane

Concen: 0.862 ug/l

RT: 6.759 min Scan# 1701

Delta R.T. -0.002 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

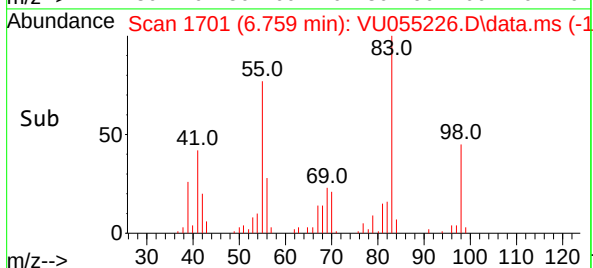
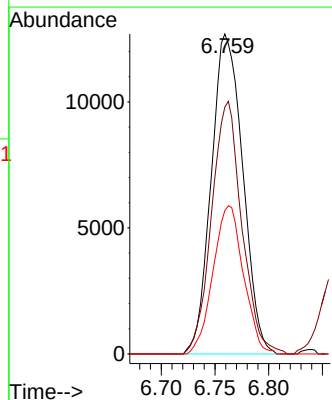
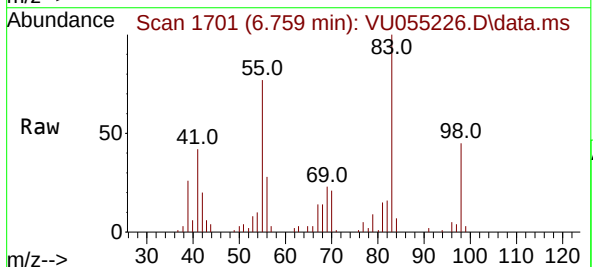
Tgt Ion: 83 Resp: 25857

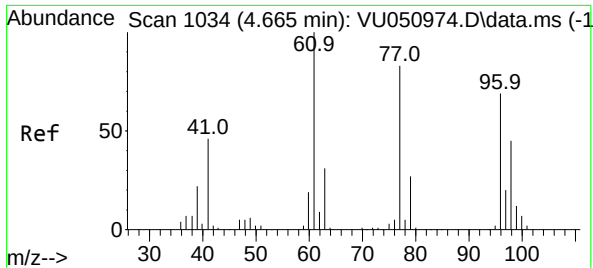
Ion Ratio Lower Upper

83 100

55 75.8 63.5 95.3

98 44.7 36.0 54.0





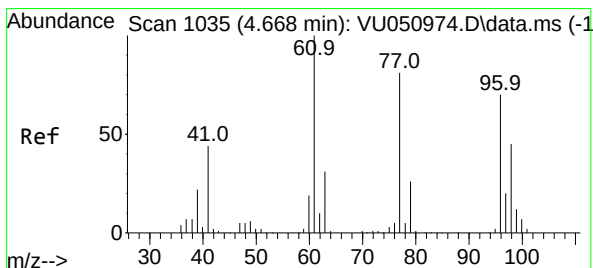
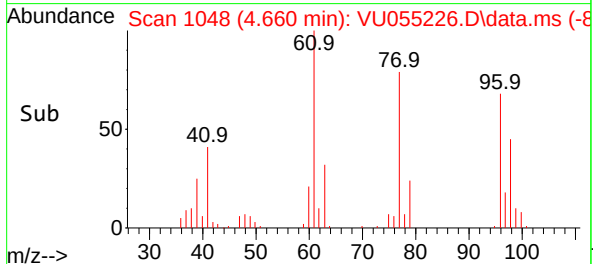
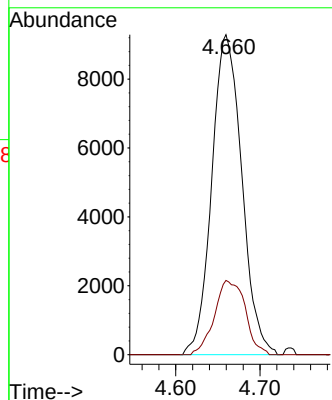
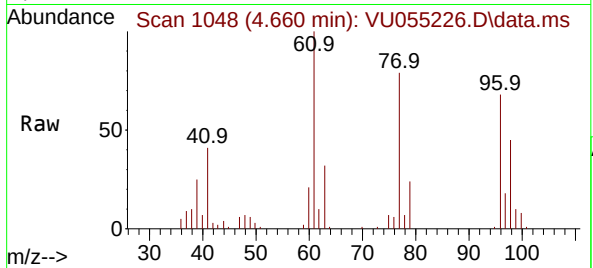
#21
2,2-Dichloropropane
Concen: 0.921 ug/l
RT: 4.660 min Scan# 1050
Delta R.T. -0.005 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 77 Resp: 22974
Ion Ratio Lower Upper
77 100
97 23.8 18.4 27.6

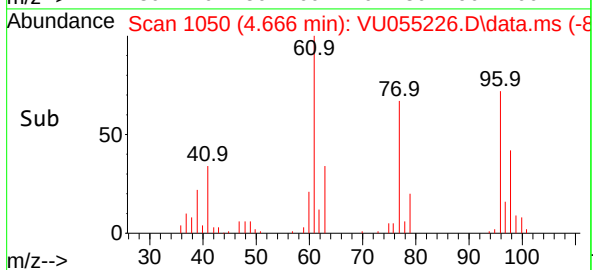
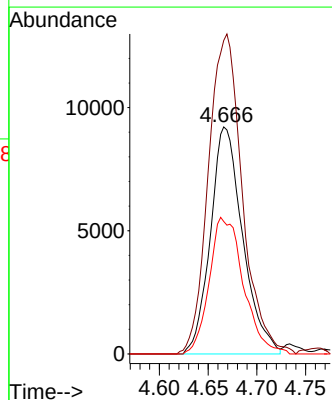
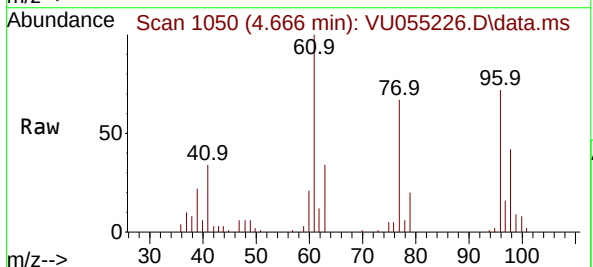
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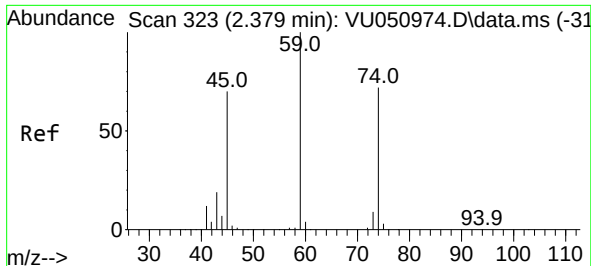
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
cis-1,2-Dichloroethene
Concen: 1.225 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Tgt Ion: 96 Resp: 21261
Ion Ratio Lower Upper
96 100
61 148.0 0.0 365.8
98 63.5 32.0 96.0





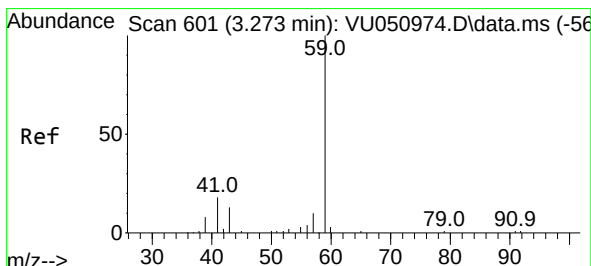
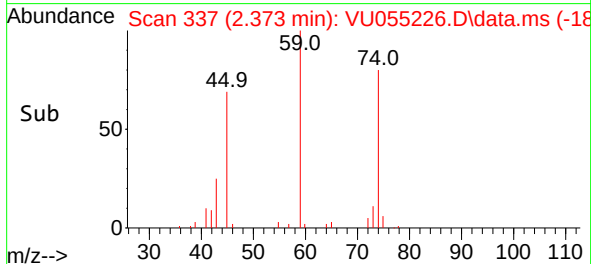
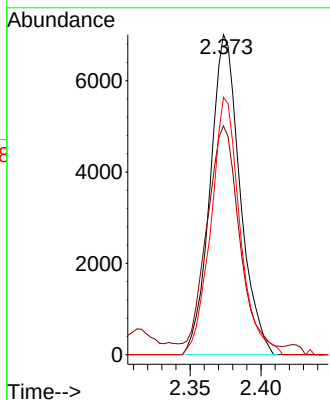
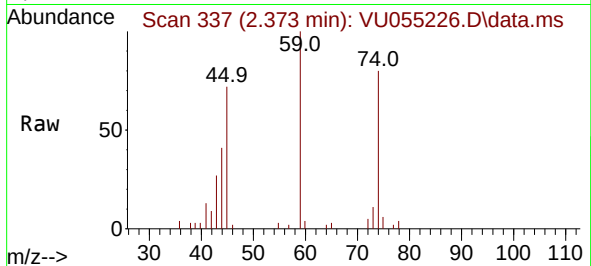
#23
Diethyl Ether
Concen: 0.836 ug/l
RT: 2.373 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 1026
Ion Ratio Lower Upper
59 100
45 74.3 56.1 84.1
74 78.2 57.4 86.2

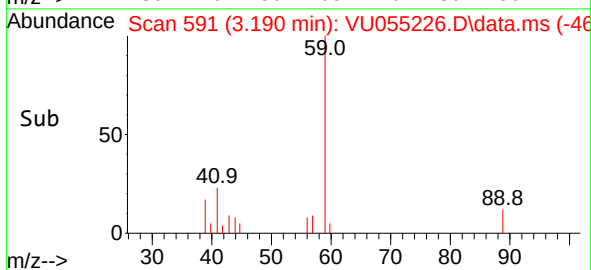
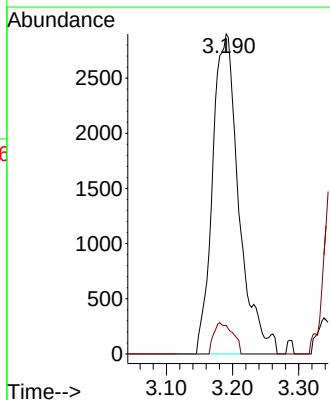
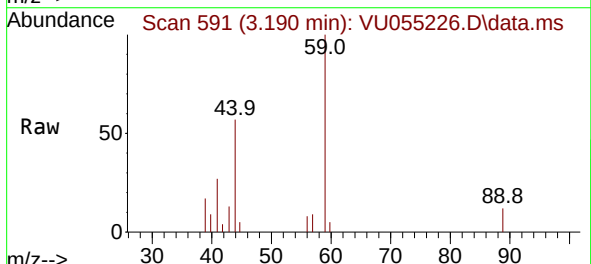
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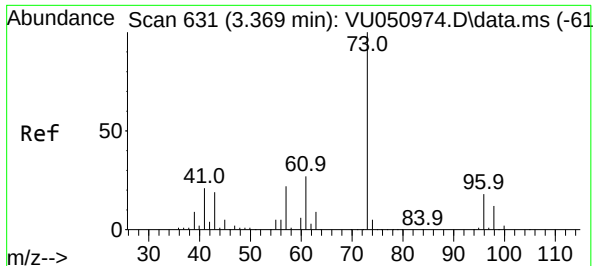
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#24
tert-Butyl Alcohol
Concen: 7.186 ug/l m
RT: 3.190 min Scan# 591
Delta R.T. -0.083 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

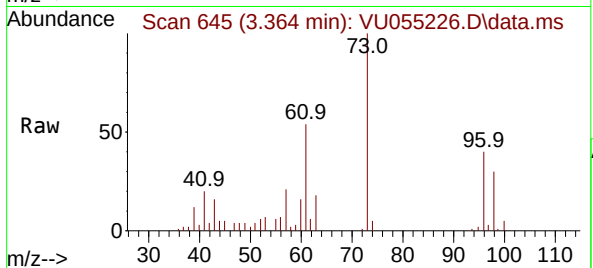
Tgt Ion: 59 Resp: 8013
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 0.827 ug/l
RT: 3.364 min Scan# 645
Delta R.T. -0.005 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

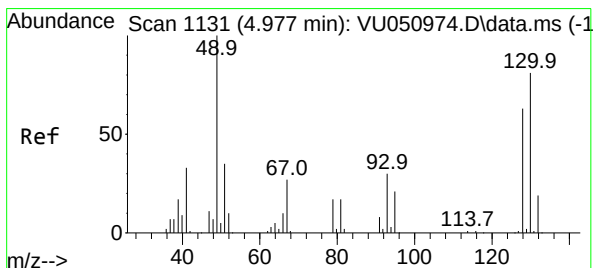
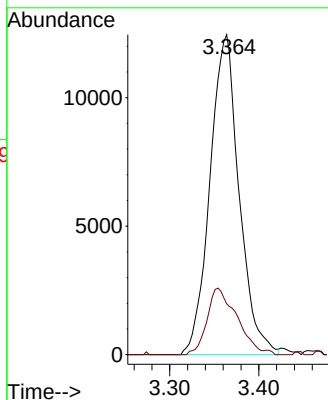
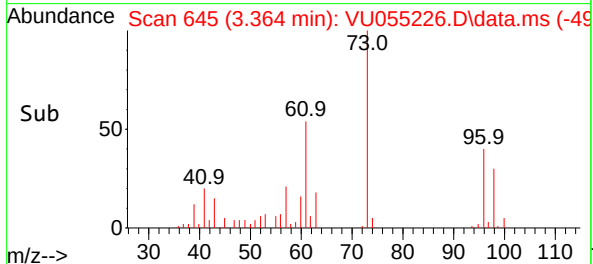
Instrument :
MSVOA_U
Client Sample Id :
VSTDIC001



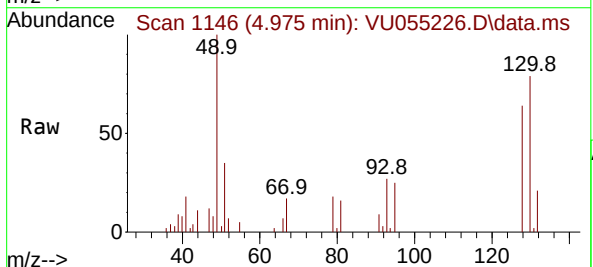
Tgt Ion: 73 Resp: 2834
Ion Ratio Lower Upper
73 100
43 21.4 15.0 22.6

Manual Integrations
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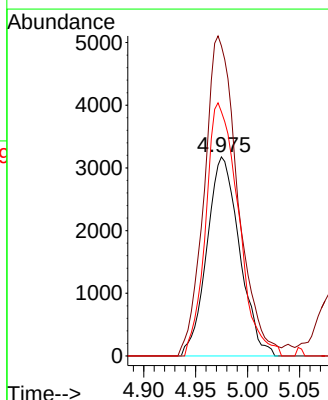
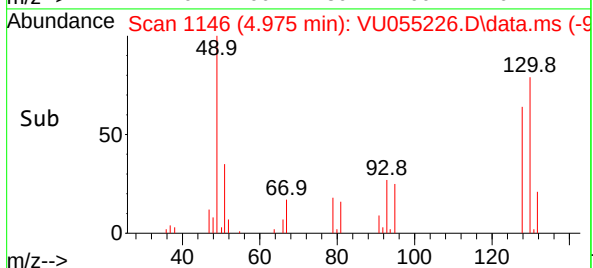
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

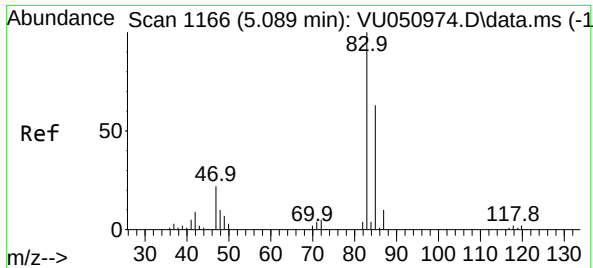


#26
Bromochloromethane
Concen: 0.992 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38



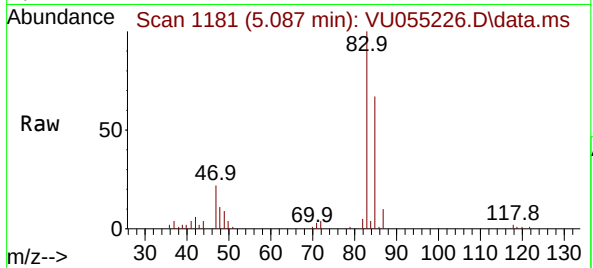
Tgt Ion:128 Resp: 6934
Ion Ratio Lower Upper
128 100
49 165.2 0.0 324.6
130 127.4 103.0 154.4





#27
Chloroform
Concen: 1.070 ug/l
RT: 5.087 min Scan# 1166
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

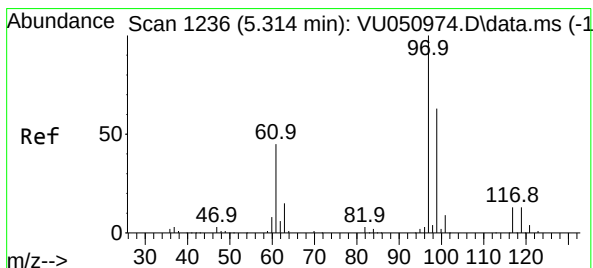
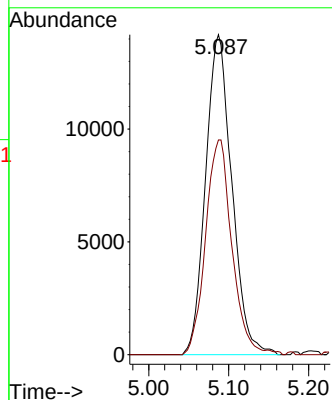
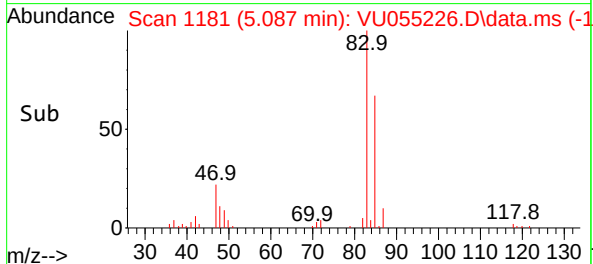
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



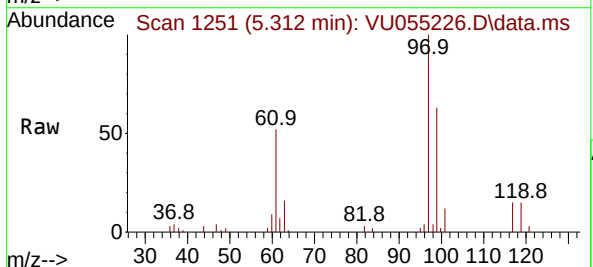
Tgt Ion: 83 Resp: 32378
Ion Ratio Lower Upper
83 100
85 67.1 0.0 126.4

Manual Integrations
APPROVED

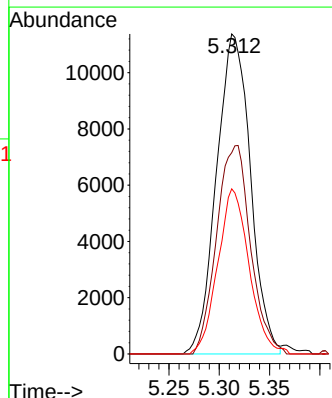
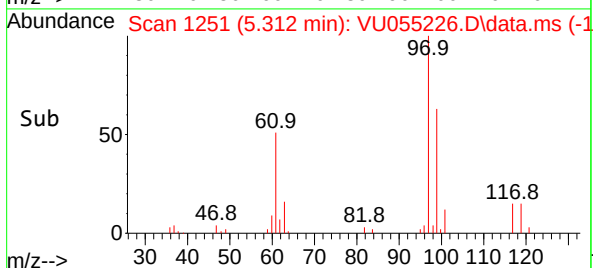
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

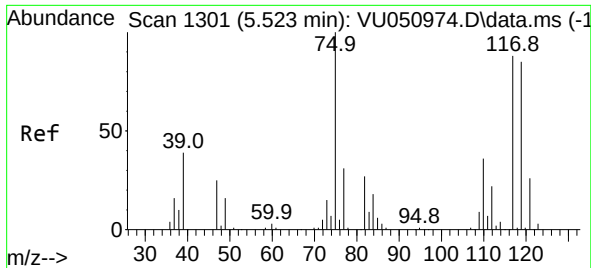


#28
1,1,1-Trichloroethane
Concen: 1.024 ug/l
RT: 5.312 min Scan# 1251
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38



Tgt Ion: 97 Resp: 26705
Ion Ratio Lower Upper
97 100
99 65.1 32.0 96.2
61 47.7 22.9 68.5





#29

1,1-Dichloropropene

Concen: 0.962 ug/l

RT: 5.531 min Scan# 1319

Delta R.T. 0.008 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 21718

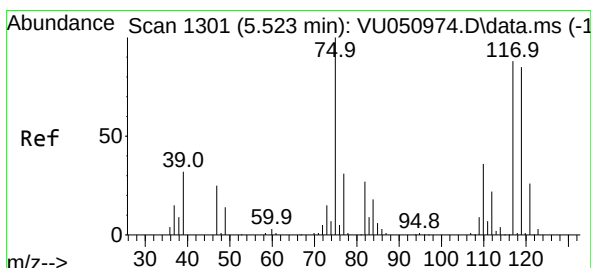
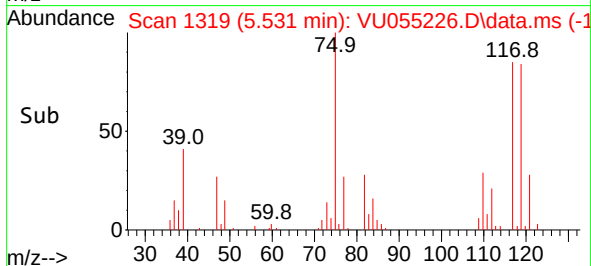
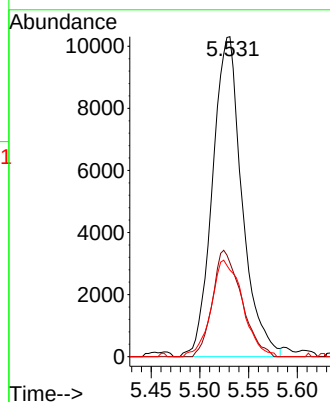
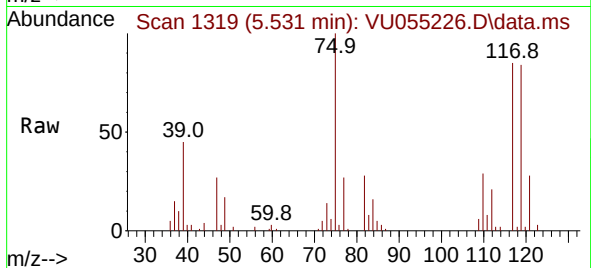
Ion	Ratio	Lower	Upper
75	100		
110	32.6	18.0	54.0
77	32.0	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#30

Carbon Tetrachloride

Concen: 1.113 ug/l

RT: 5.524 min Scan# 1317

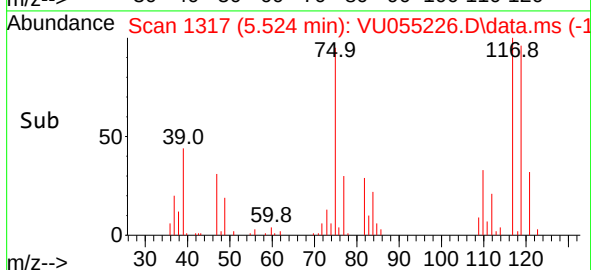
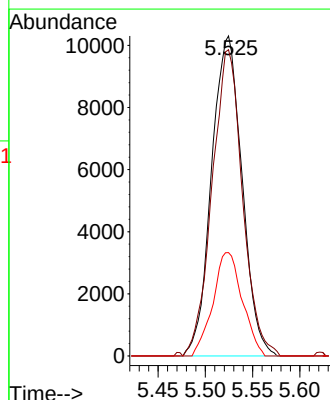
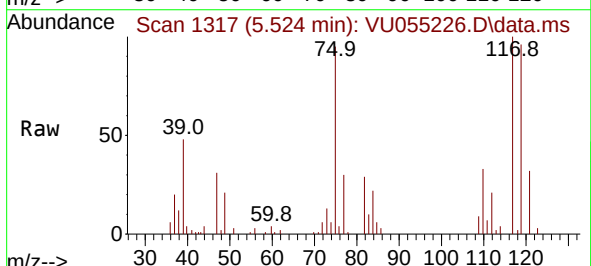
Delta R.T. 0.002 min

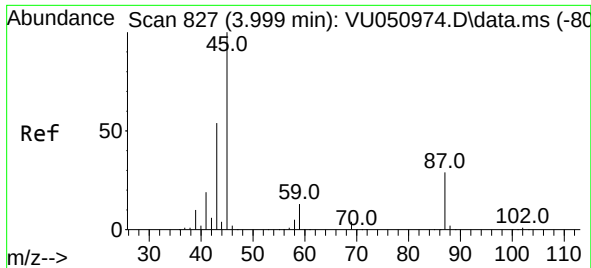
Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Tgt Ion: 117 Resp: 23108

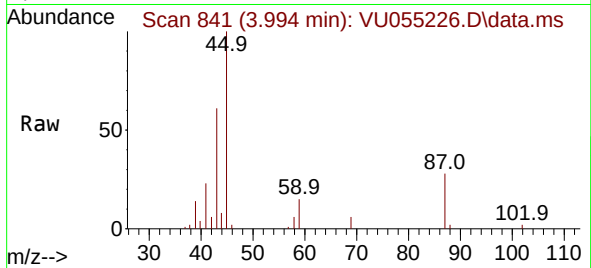
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
121	32.3	24.0	36.0





#31
Isopropyl Ether
Concen: 0.943 ug/l
RT: 3.994 min Scan# 841
Delta R.T. -0.005 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

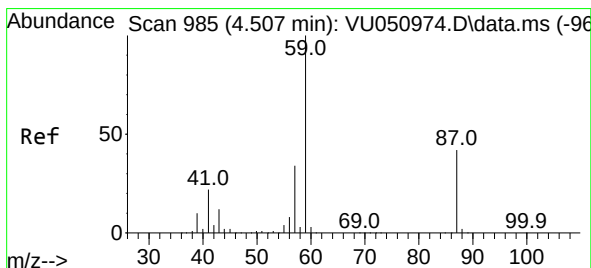
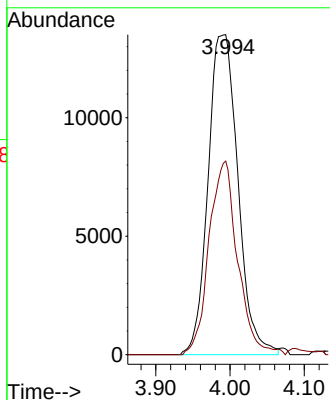
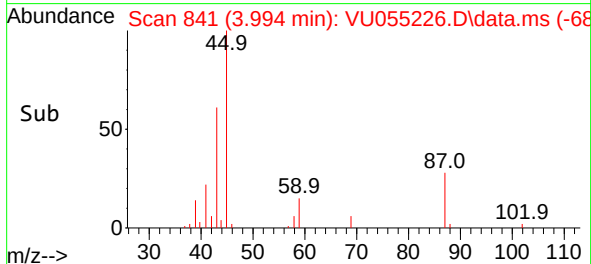
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



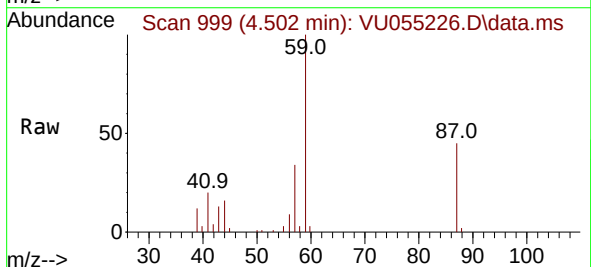
Tgt Ion: 45 Resp: 3779
Ion Ratio Lower Upper
45 100
43 57.9 27.5 82.5

Manual Integrations
APPROVED

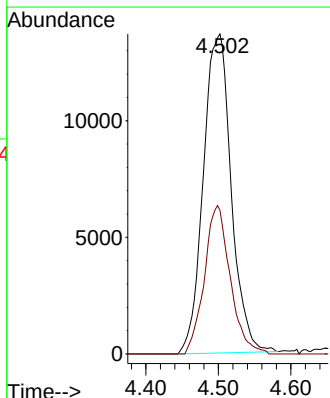
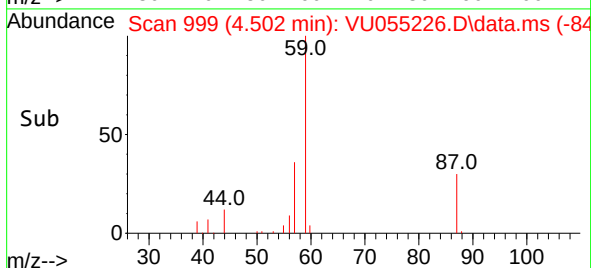
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

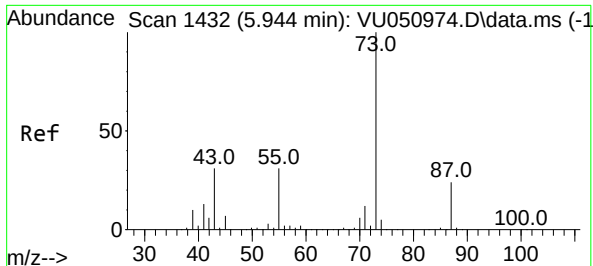


#32
Ethyl-t-butyl ether
Concen: 0.889 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.005 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38



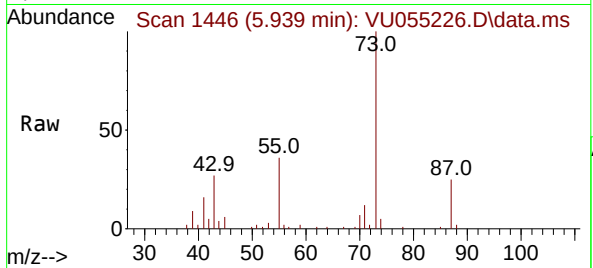
Tgt Ion: 59 Resp: 36605
Ion Ratio Lower Upper
59 100
87 42.9 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.869 ug/l
RT: 5.939 min Scan# 1432
Delta R.T. -0.005 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

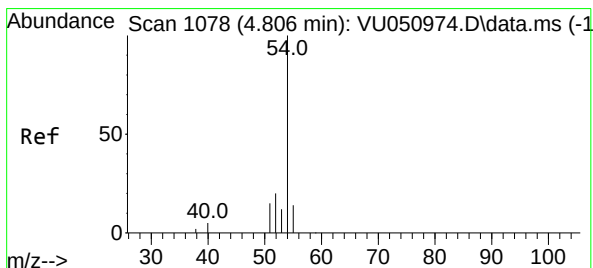
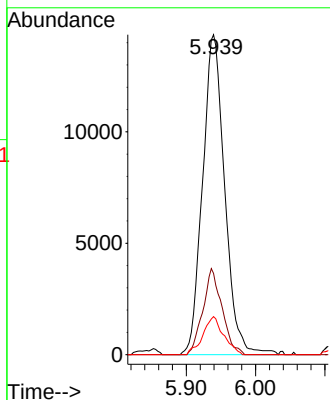
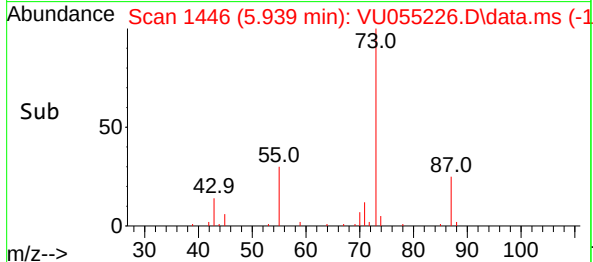
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 73 Resp: 3184
Ion Ratio Lower Upper
73 100
87 23.3 18.6 28.0
71 11.1 9.9 14.9

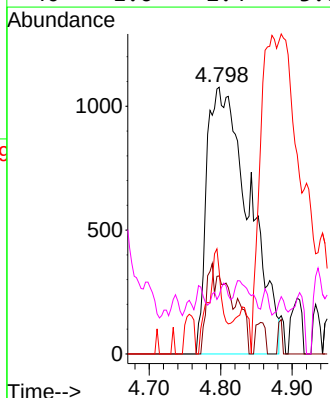
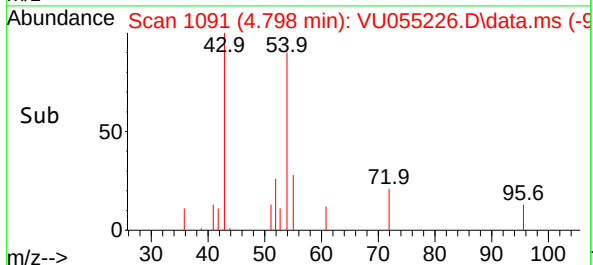
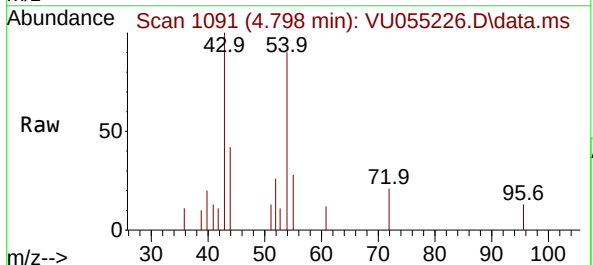
Manual Integrations
APPROVED

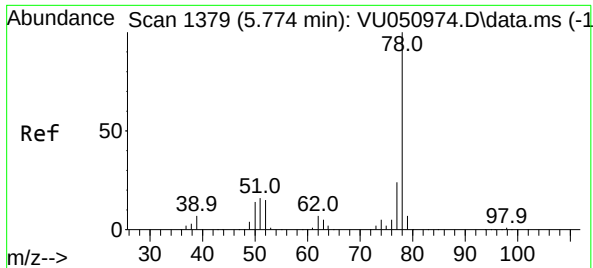
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#34
Propionitrile
Concen: 4.356 ug/l m
RT: 4.798 min Scan# 1091
Delta R.T. -0.008 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Tgt Ion: 54 Resp: 4401
Ion Ratio Lower Upper
54 100
52 6.7 17.4 26.0#
55 13.0 104.1 156.1#
40 1.6 2.4 3.6#





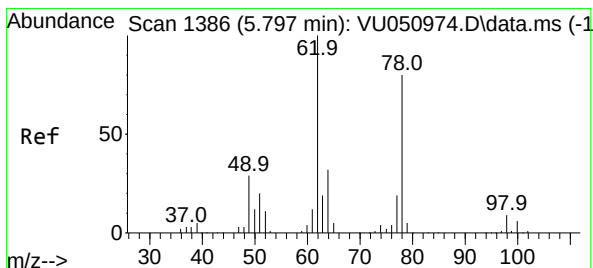
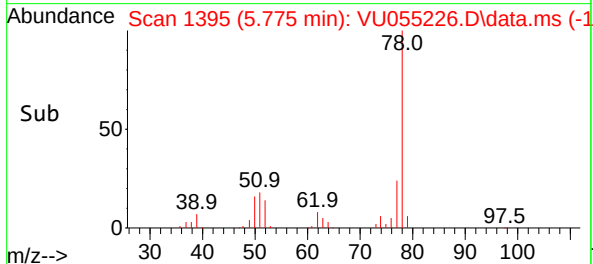
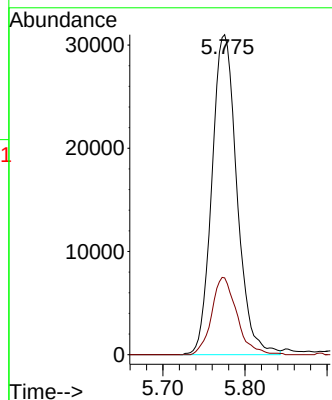
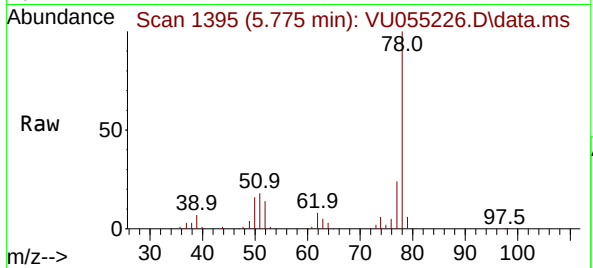
#35
Benzene
Concen: 0.997 ug/l
RT: 5.775 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 6582
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

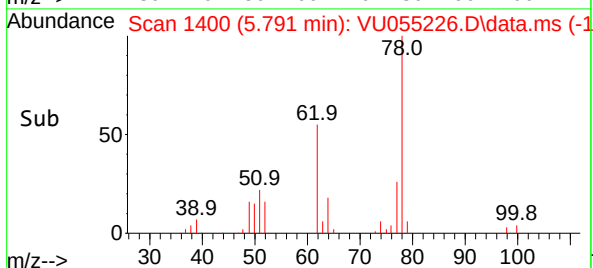
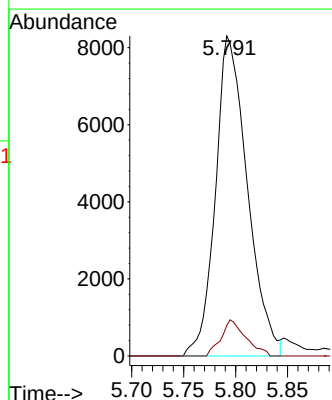
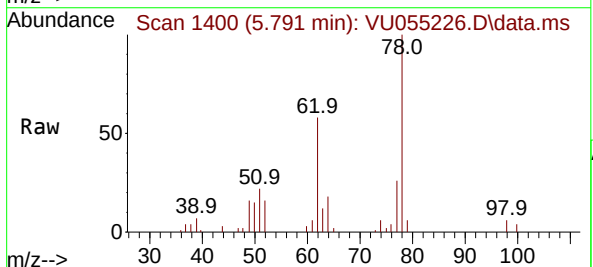
Manual Integrations
APPROVED

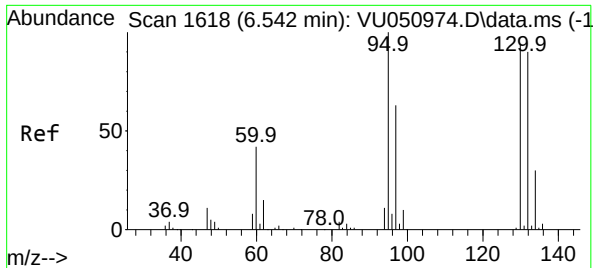
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#36
1,2-Dichloroethane
Concen: 0.936 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. -0.006 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Tgt Ion: 62 Resp: 17748
Ion Ratio Lower Upper
62 100
98 8.7 7.3 10.9





#37

Trichloroethene

Concen: 1.192 ug/l

RT: 6.544 min Scan# 1710

Delta R.T. 0.002 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:130 Resp: 1980

Ion Ratio Lower Upper

130 100

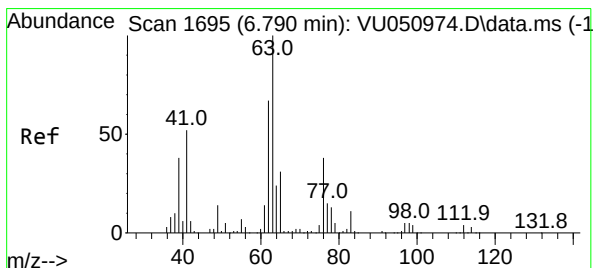
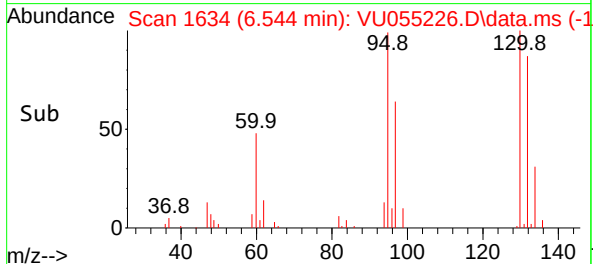
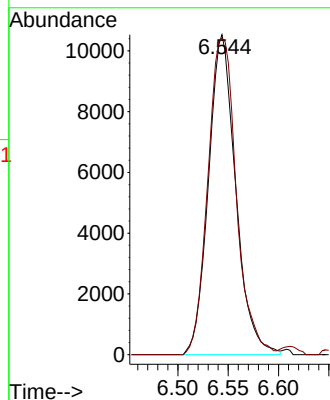
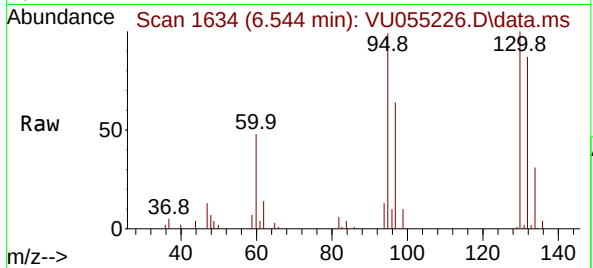
95 99.0 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#38

1,2-Dichloropropane

Concen: 1.033 ug/l

RT: 6.791 min Scan# 1711

Delta R.T. 0.001 min

Lab File: VU055226.D

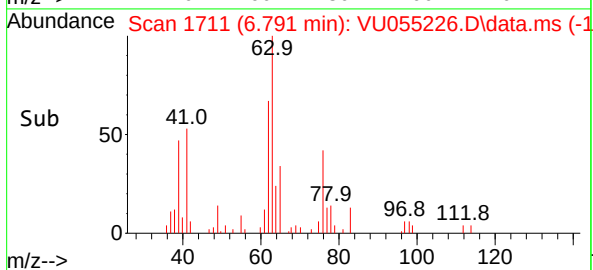
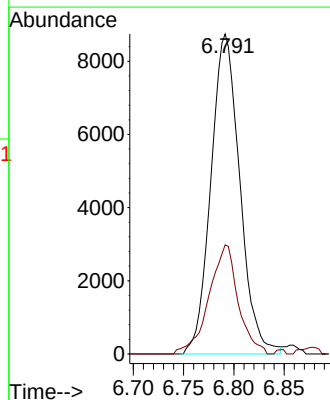
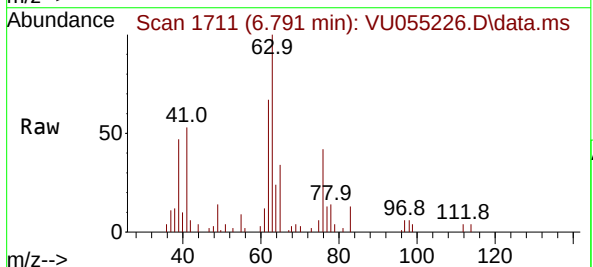
Acq: 11 Sep 2023 09:38

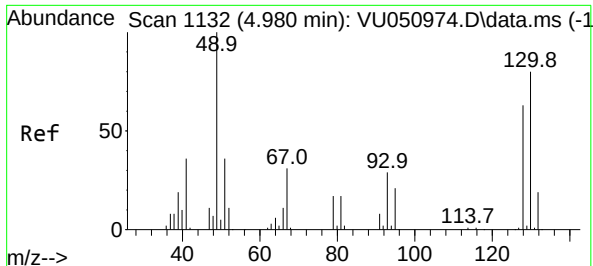
Tgt Ion: 63 Resp: 17484

Ion Ratio Lower Upper

63 100

65 32.8 24.9 37.3





#39

Methacrylonitrile

Concen: 0.722 ug/l m

RT: 4.988 min Scan# 1118

Delta R.T. 0.008 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 2970

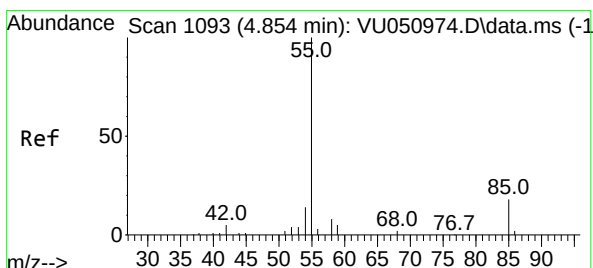
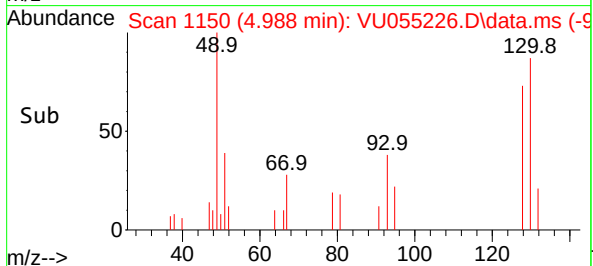
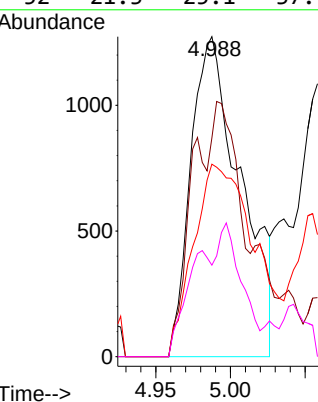
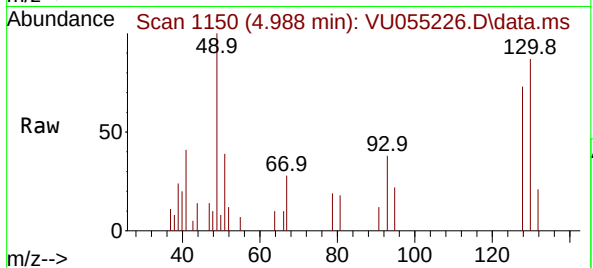
Ion	Ratio	Lower	Upper
41	100		
67	26.8	66.8	100.2
39	73.7	41.2	61.8
52	21.3	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#40

Methyl acrylate

Concen: 0.659 ug/l m

RT: 4.885 min Scan# 1118

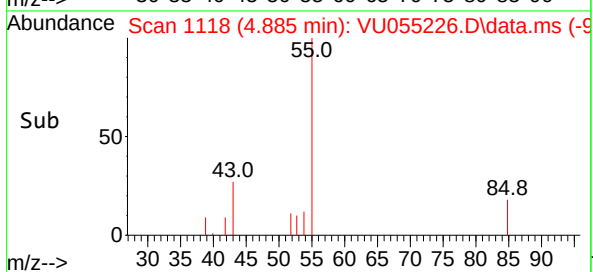
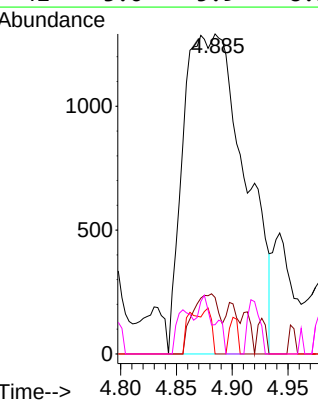
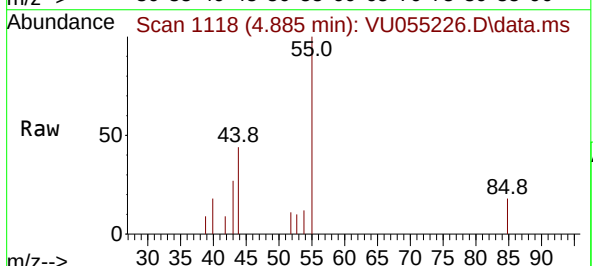
Delta R.T. 0.031 min

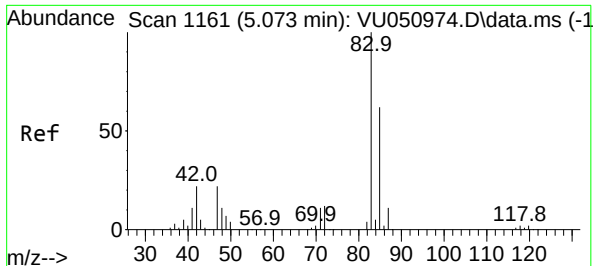
Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Tgt Ion: 55 Resp: 4925

Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9
58	3.0	6.5	9.7
42	3.6	5.9	8.9





#41

Tetrahydrofuran

Concen: 1.940 ug/l m

RT: 5.081 min Scan# 1161

Delta R.T. 0.008 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

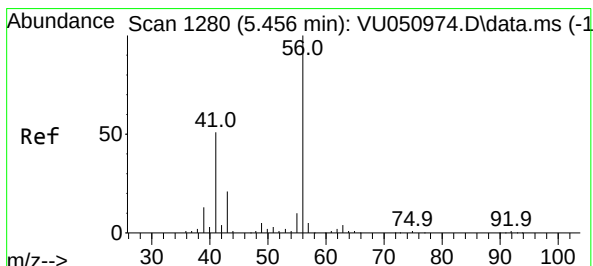
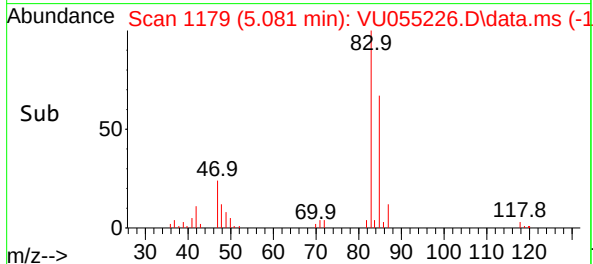
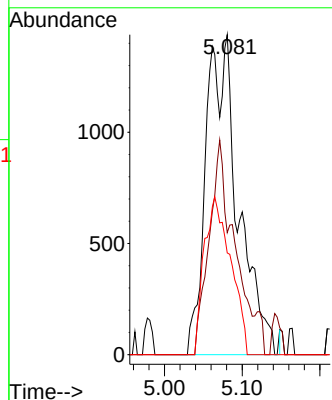
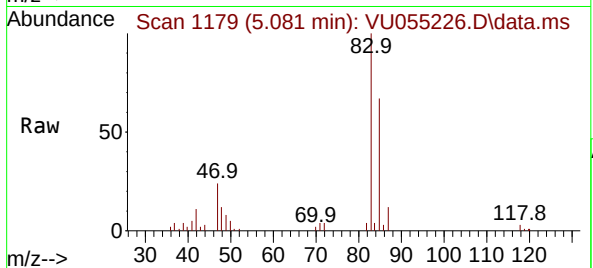
Tgt Ion:	42	Resp:	4170
Ion Ratio	Lower	Upper	
42	100		
72	51.5	40.9	61.3
71	40.3	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#42

1-Chlorobutane

Concen: 0.942 ug/l

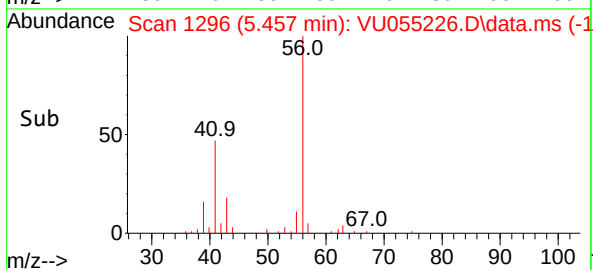
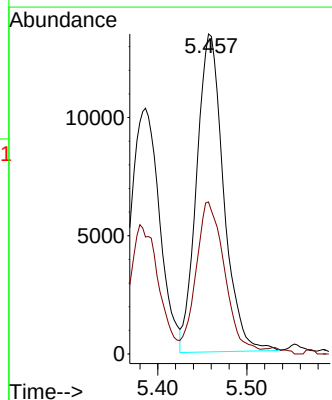
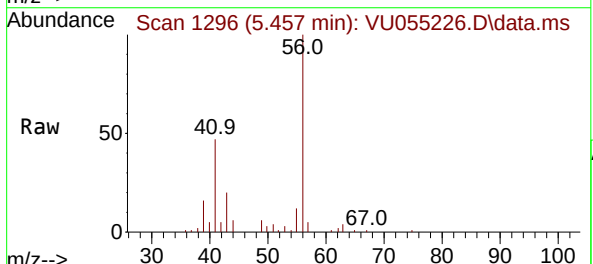
RT: 5.457 min Scan# 1296

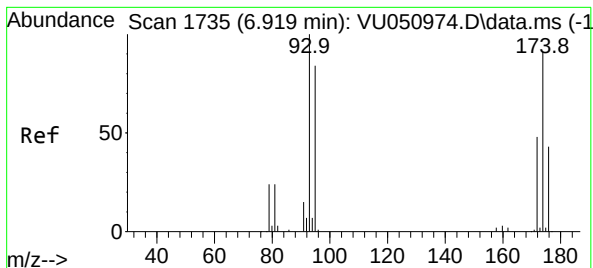
Delta R.T. 0.001 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Tgt Ion:	56	Resp:	28267
Ion Ratio	Lower	Upper	
56	100		
41	48.2	25.2	75.6





#43

Dibromomethane

Concen: 1.008 ug/l

RT: 6.923 min Scan# 11

Delta R.T. 0.004 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 93 Resp: 8120

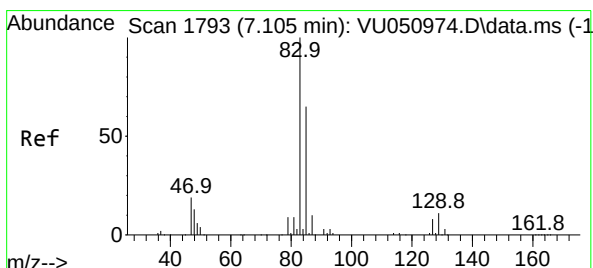
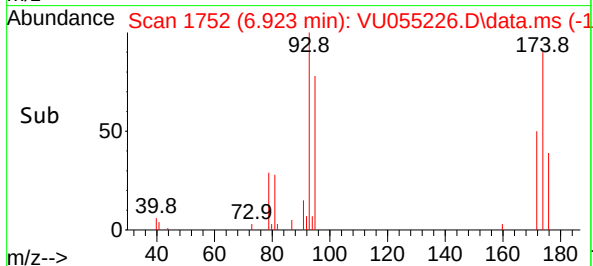
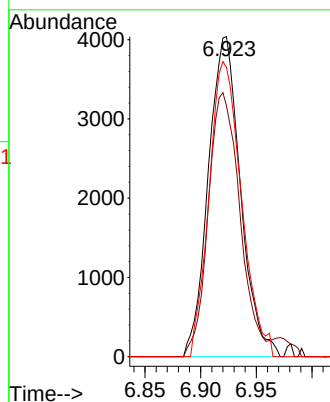
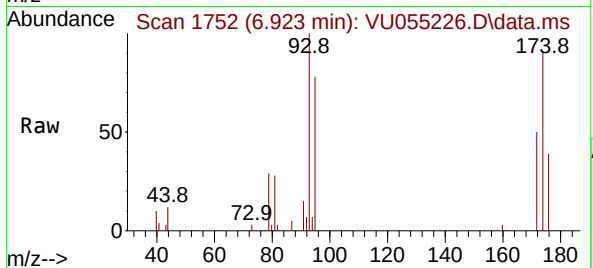
Ion	Ratio	Lower	Upper
93	100		
95	81.2	67.0	100.6
174	92.5	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#44

Bromodichloromethane

Concen: 1.046 ug/l

RT: 7.106 min Scan# 1809

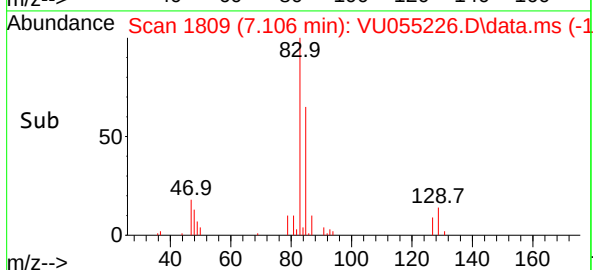
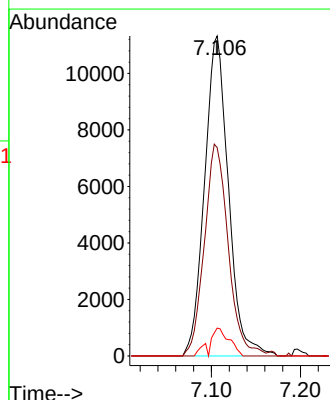
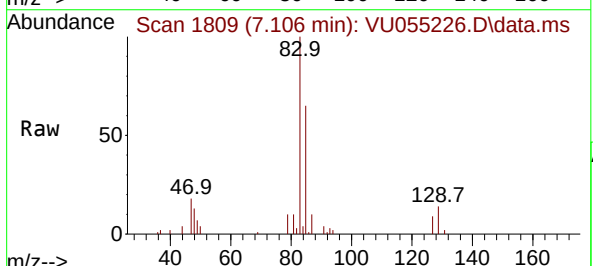
Delta R.T. 0.001 min

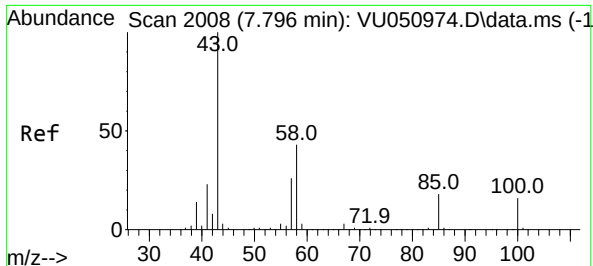
Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Tgt Ion: 83 Resp: 21092

Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9
127	8.7	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 4.364 ug/l

RT: 7.791 min Scan# 2008

Delta R.T. -0.005 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

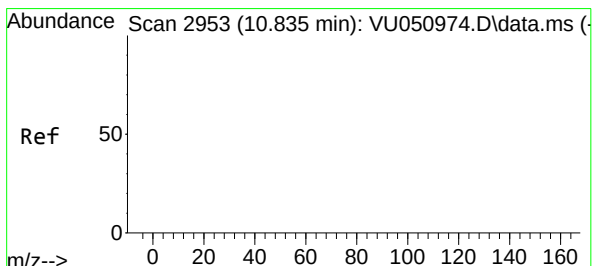
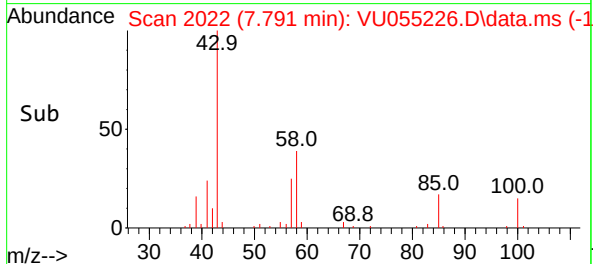
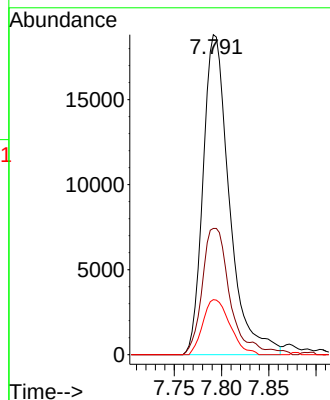
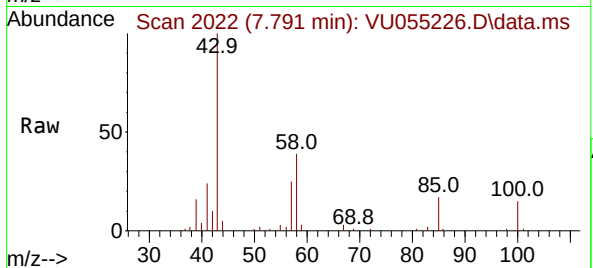
Tgt Ion:	43	Resp:	3648
Ion Ratio	Lower	Upper	
43	100		
58	41.9	20.9	62.8
85	17.6	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#46

t-1,4-Dichloro-2-butene

Concen: 0.945 ug/l m

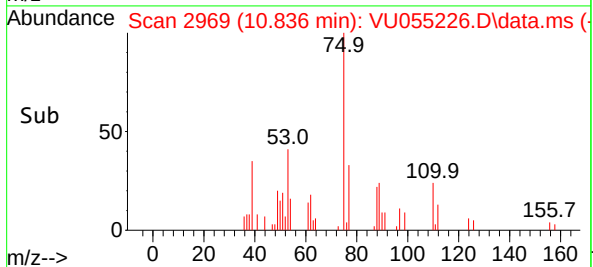
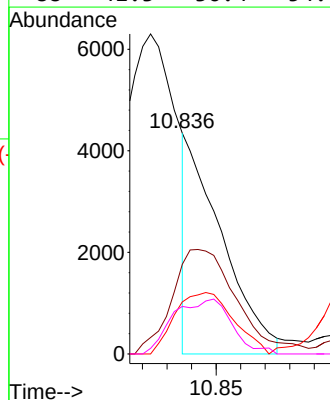
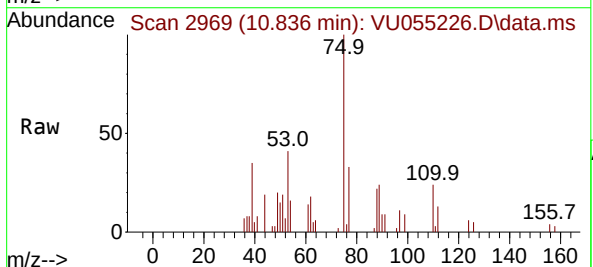
RT: 10.836 min Scan# 2969

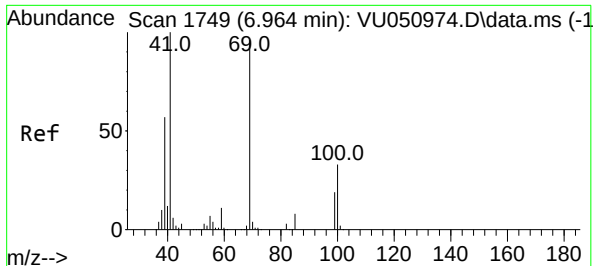
Delta R.T. 0.001 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Tgt Ion:	75	Resp:	4331
Ion Ratio	Lower	Upper	
75	100		
53	87.5	73.3	109.9
89	46.2	48.2	72.4#
88	41.3	36.4	54.6





#47

Methyl methacrylate

Concen: 1.518 ug/l

RT: 6.962 min Scan# 11250

Delta R.T. -0.002 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 69 Resp: 11250

Ion Ratio Lower Upper

69 100

41 106.9 0.0 209.2

39 68.9 46.7 70.1

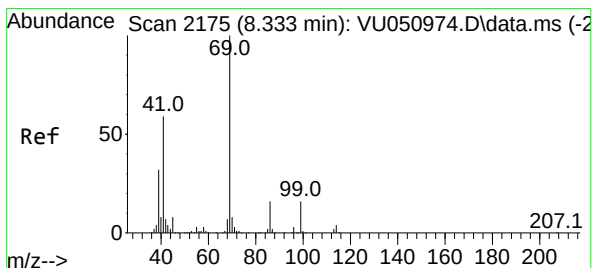
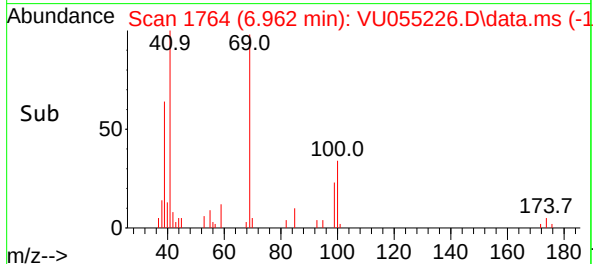
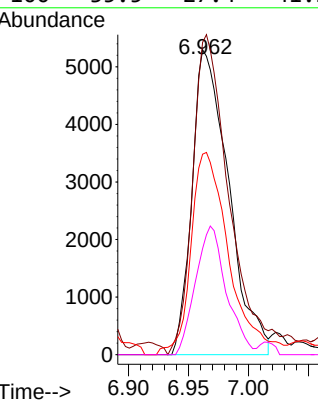
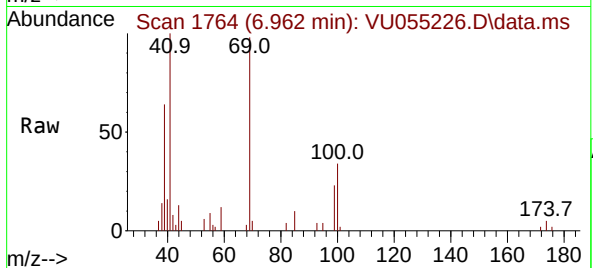
100 35.5 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#48

Ethyl methacrylate

Concen: 0.722 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.005 min

Lab File: VU055226.D

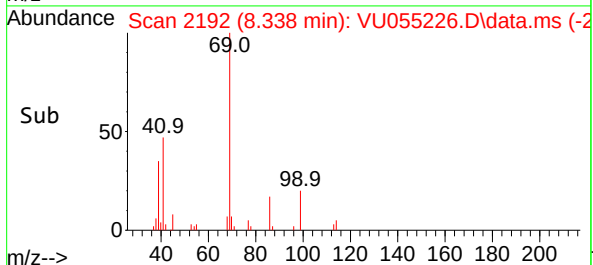
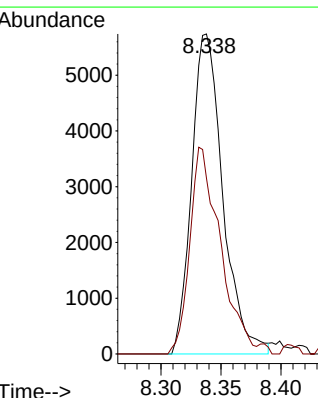
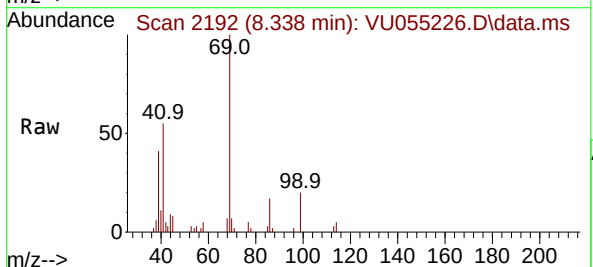
Acq: 11 Sep 2023 09:38

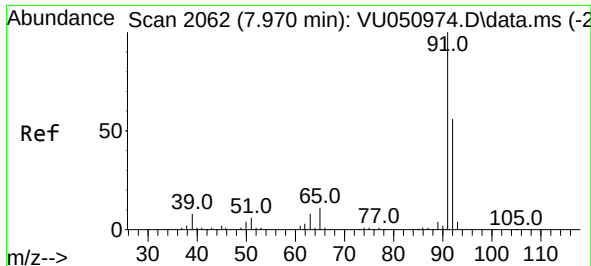
Tgt Ion: 69 Resp: 10382

Ion Ratio Lower Upper

69 100

41 62.9 30.3 90.8





#49

Toluene

Concen: 0.926 ug/l

RT: 7.968 min Scan# 2062

Delta R.T. -0.002 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 3746

Ion Ratio Lower Upper

92 100

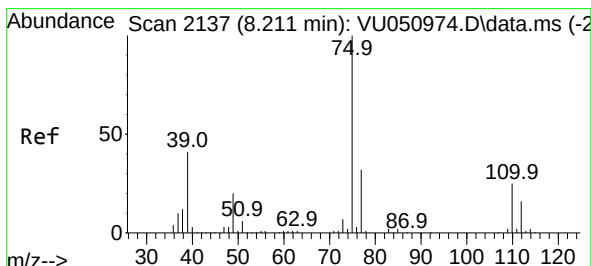
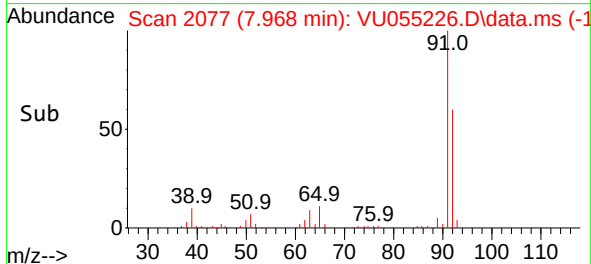
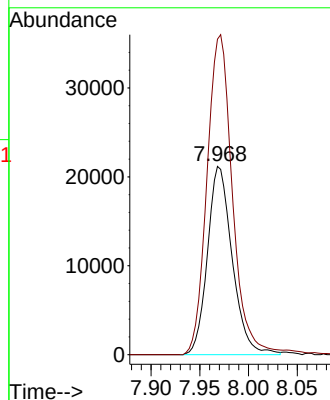
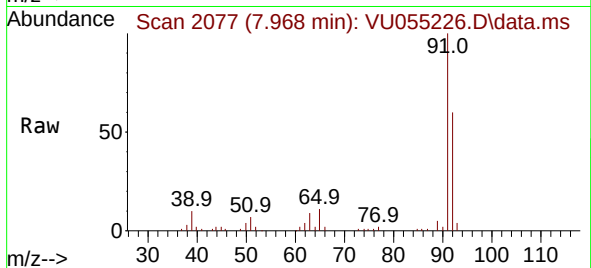
91 175.6 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#50

t-1,3-Dichloropropene

Concen: 0.903 ug/l

RT: 8.212 min Scan# 2153

Delta R.T. 0.001 min

Lab File: VU055226.D

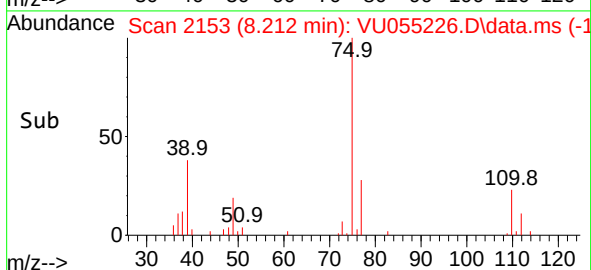
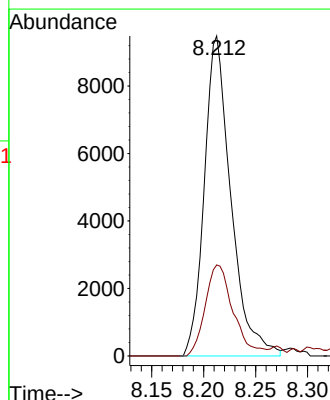
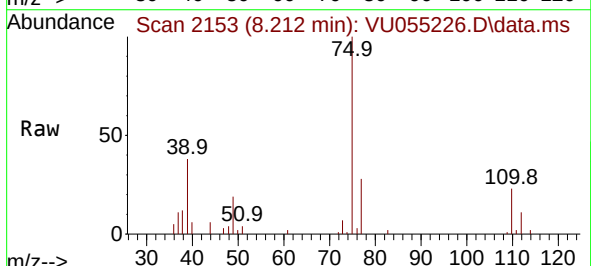
Acq: 11 Sep 2023 09:38

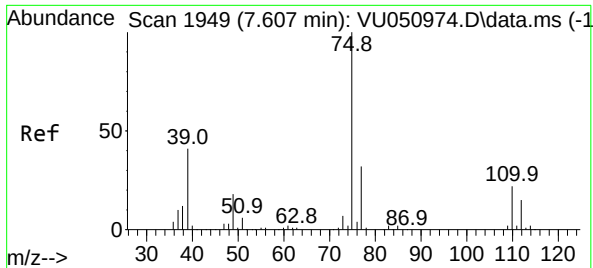
Tgt Ion: 75 Resp: 16864

Ion Ratio Lower Upper

75 100

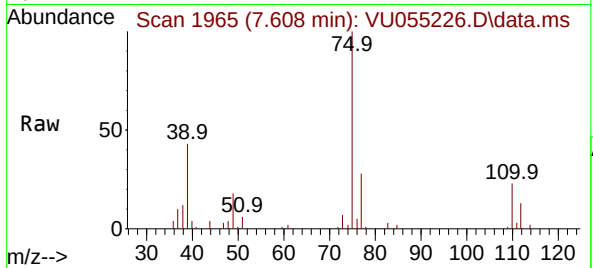
77 28.4 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.942 ug/l
 RT: 7.608 min Scan# 1949
 Delta R.T. 0.001 min
 Lab File: VU055226.D
 Acq: 11 Sep 2023 09:38

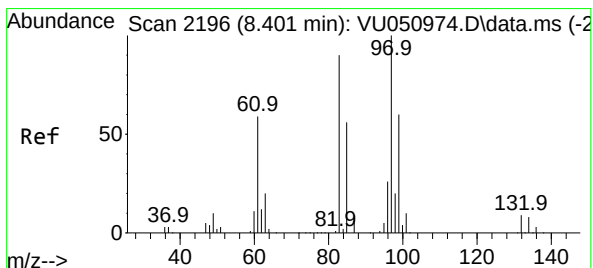
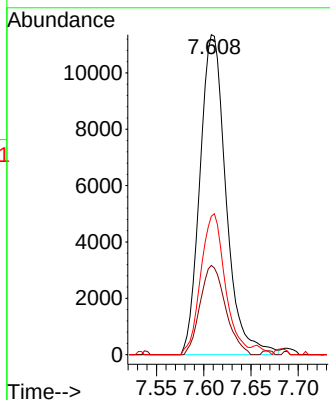
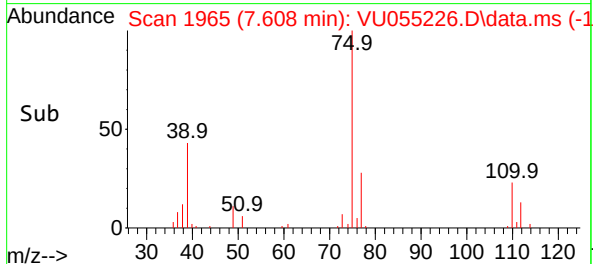
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 2177
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.7 38.5
 39 43.3 32.8 49.2

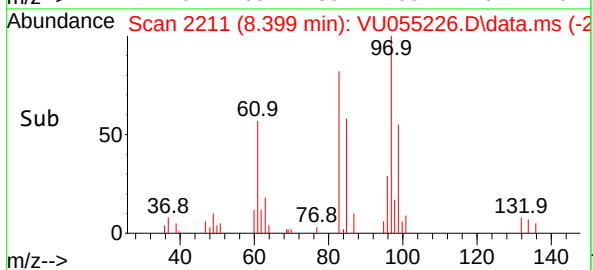
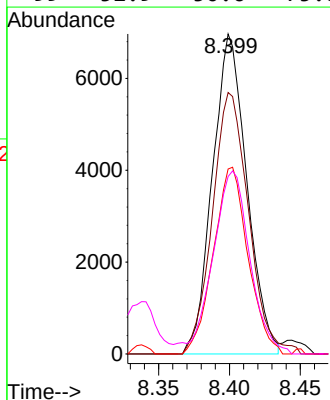
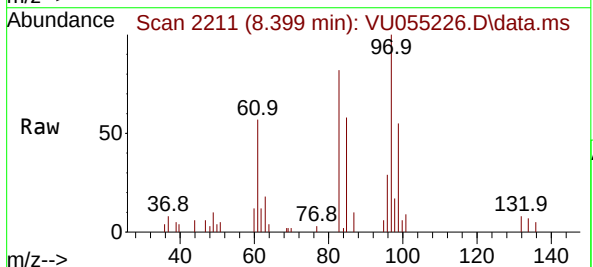
Manual Integrations
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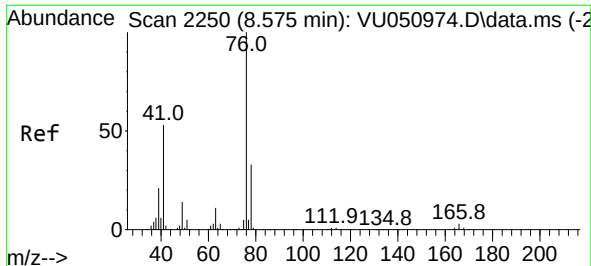
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#52
 1,1,2-Trichloroethane
 Concen: 1.005 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. -0.002 min
 Lab File: VU055226.D
 Acq: 11 Sep 2023 09:38

Tgt Ion: 97 Resp: 11742
 Ion Ratio Lower Upper
 97 100
 83 81.7 71.8 107.8
 85 57.8 45.2 67.8
 99 52.9 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.957 ug/l

RT: 8.576 min Scan# 2199

Delta R.T. 0.001 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 1929

Ion Ratio Lower Upper

76 100

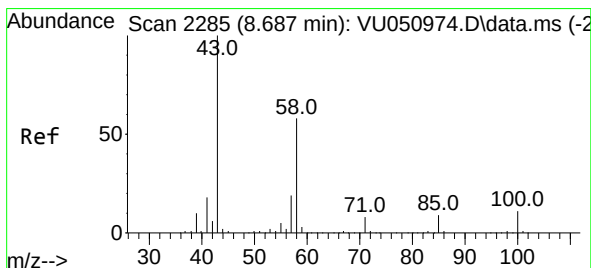
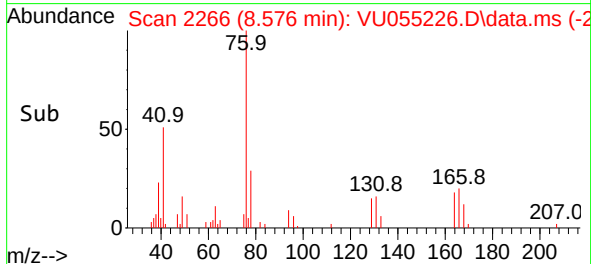
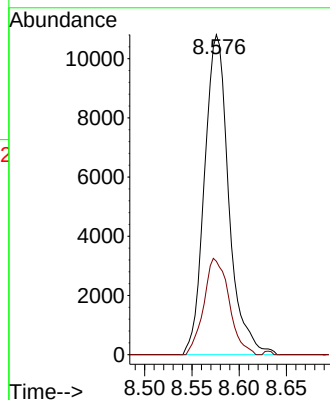
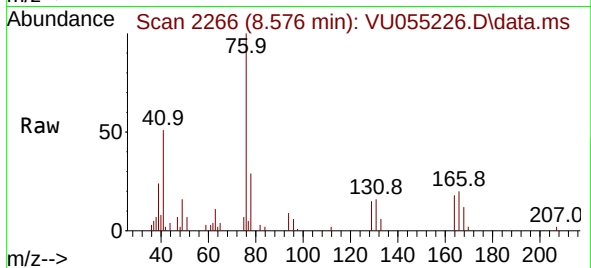
78 31.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#54

2-Hexanone

Concen: 3.800 ug/l

RT: 8.688 min Scan# 2301

Delta R.T. 0.001 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

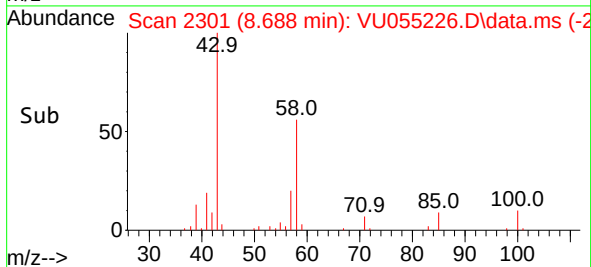
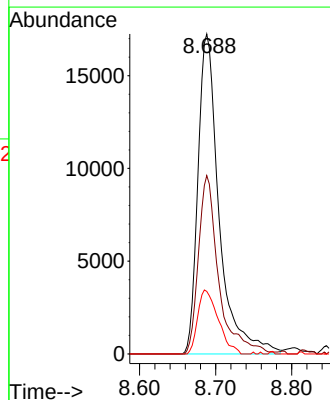
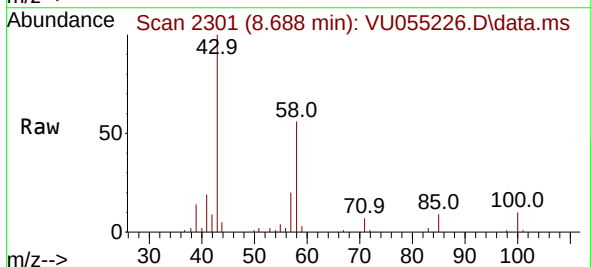
Tgt Ion: 43 Resp: 33331

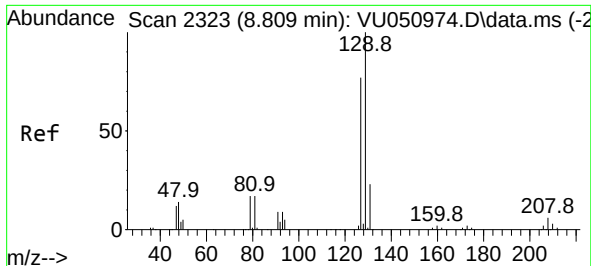
Ion Ratio Lower Upper

43 100

58 53.4 38.2 78.2

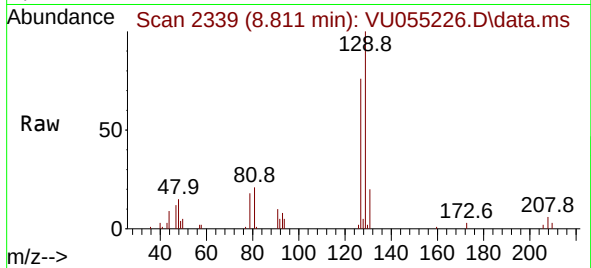
57 19.4 0.0 39.1





#55
Dibromochloromethane
Concen: 1.045 ug/l
RT: 8.811 min Scan# 2143
Delta R.T. 0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

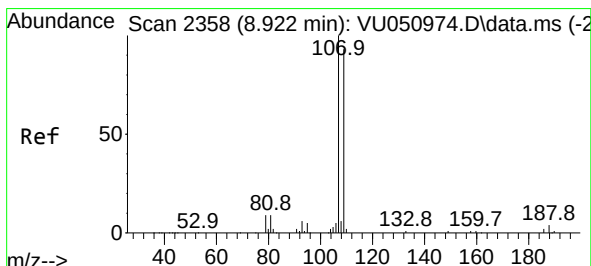
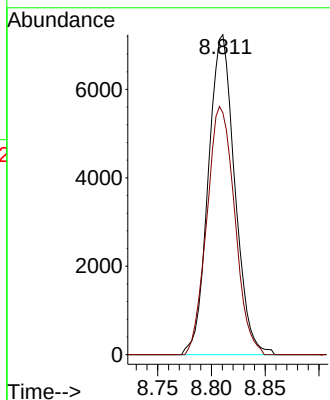
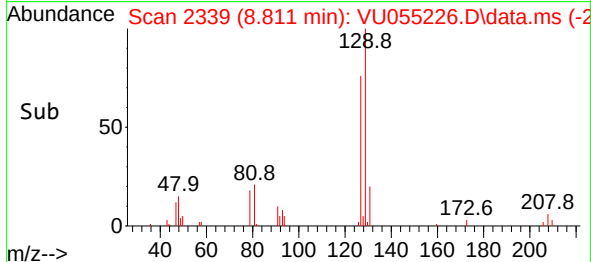
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:129 Resp: 12436
Ion Ratio Lower Upper
129 100
127 81.4 61.4 92.0

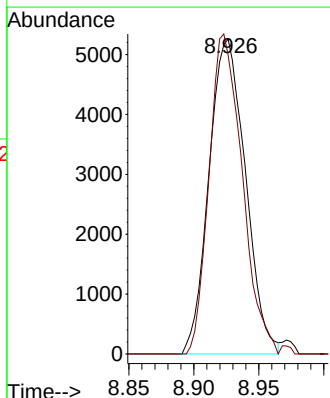
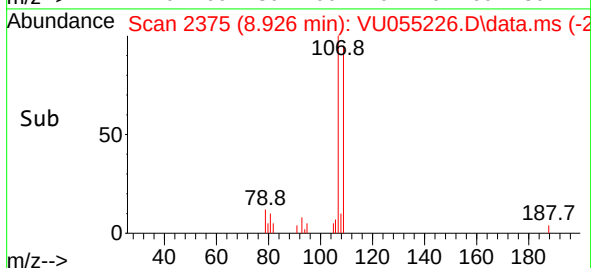
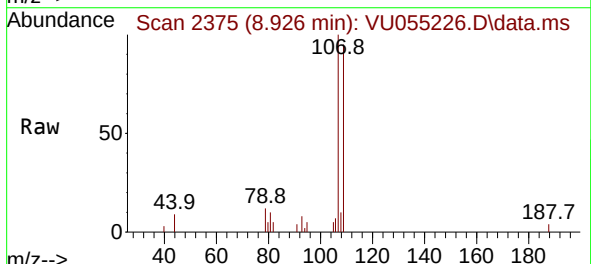
Manual Integrations
APPROVED

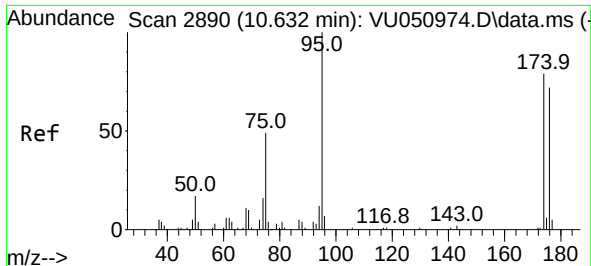
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#56
1,2-Dibromoethane
Concen: 0.953 ug/l
RT: 8.926 min Scan# 2375
Delta R.T. 0.004 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Tgt Ion:107 Resp: 10261
Ion Ratio Lower Upper
107 100
109 92.2 0.0 184.4





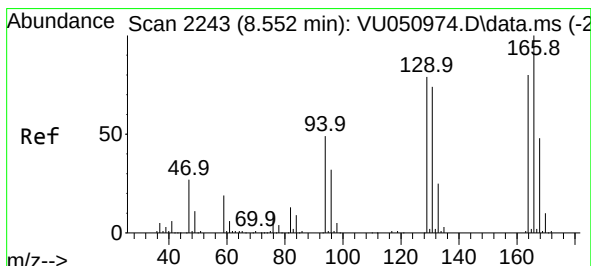
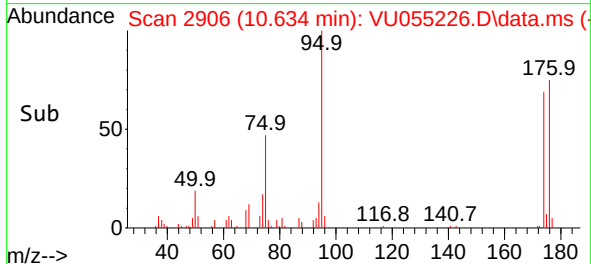
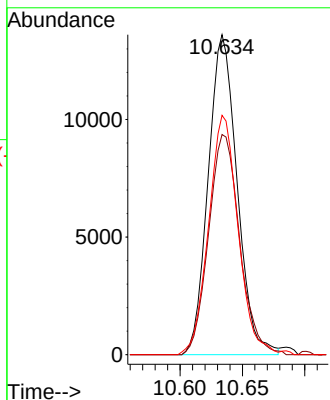
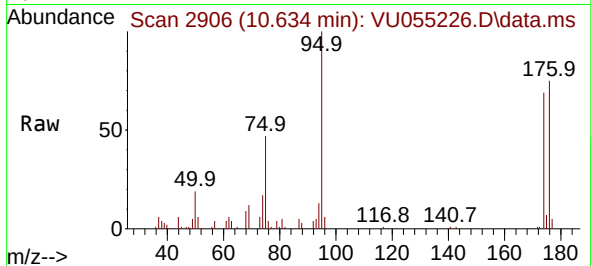
#57
4-Bromofluorobenzene
Concen: 1.038 ug/l
RT: 10.634 min Scan# 21930
Delta R.T. 0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 95 Resp: 21930
Ion Ratio Lower Upper
95 100
174 73.8 63.3 94.9
176 76.2 59.3 88.9

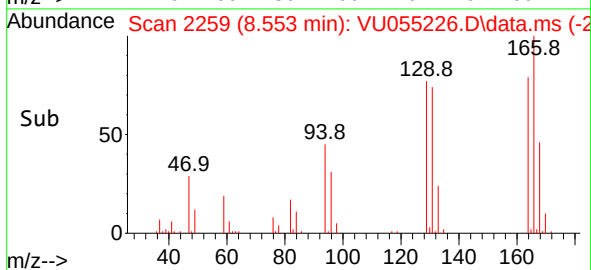
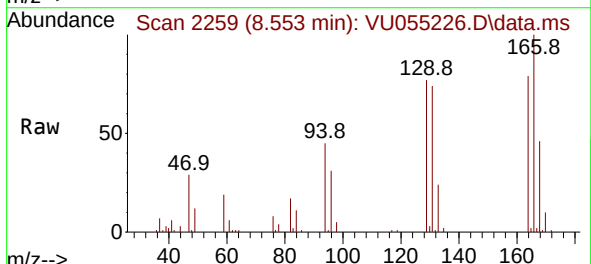
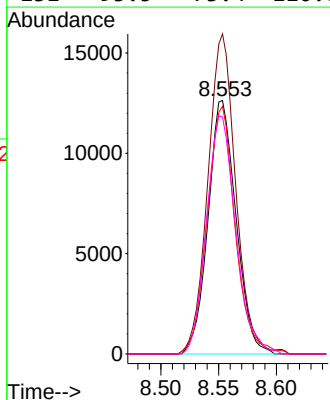
Manual Integrations
APPROVED

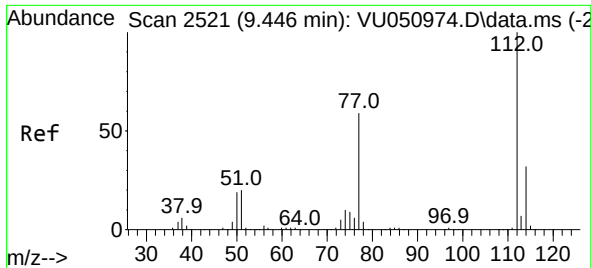
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#58
Tetrachloroethene
Concen: 1.368 ug/l
RT: 8.553 min Scan# 2259
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Tgt Ion:164 Resp: 21237
Ion Ratio Lower Upper
164 100
166 126.3 99.6 149.4
129 97.7 78.6 117.8
131 93.5 73.4 110.0





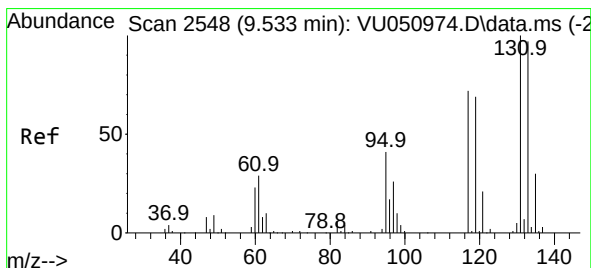
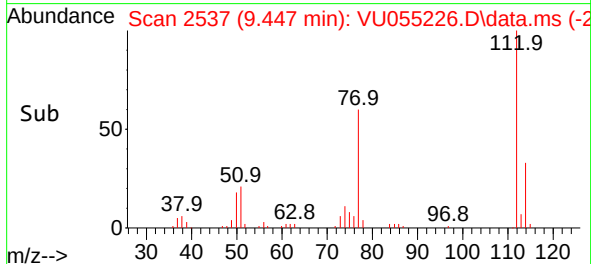
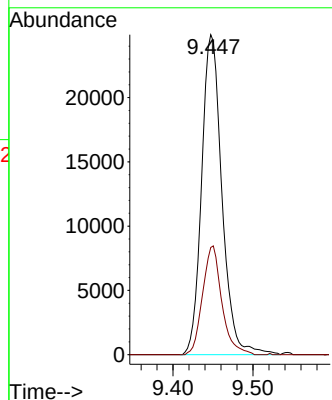
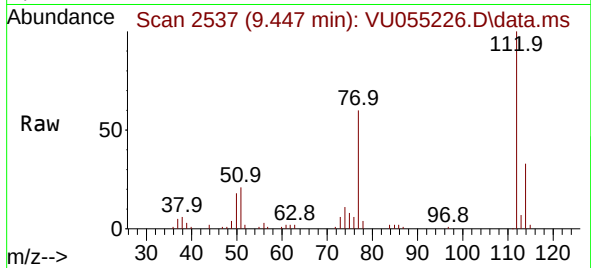
#59
Chlorobenzene
Concen: 0.991 ug/l
RT: 9.447 min Scan# 2521
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:112 Resp: 44154
Ion Ratio Lower Upper
112 100
114 33.5 25.6 38.4

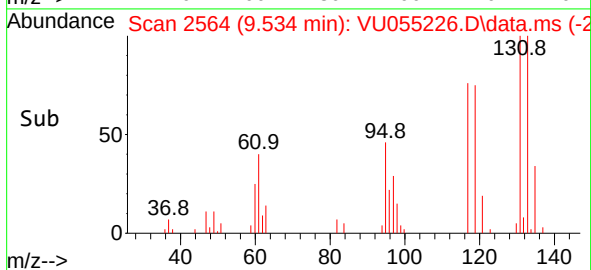
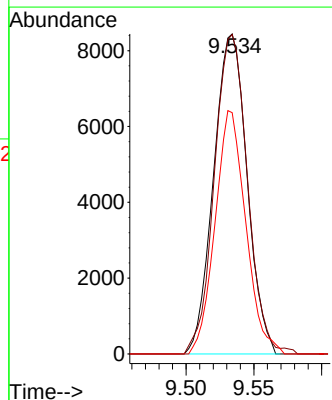
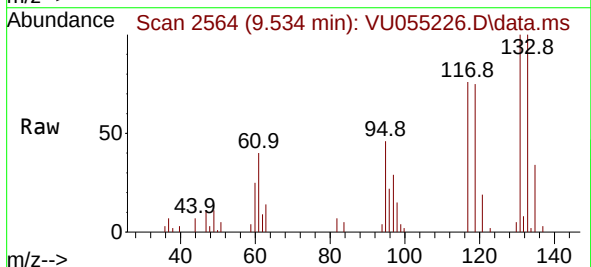
Manual Integrations
APPROVED

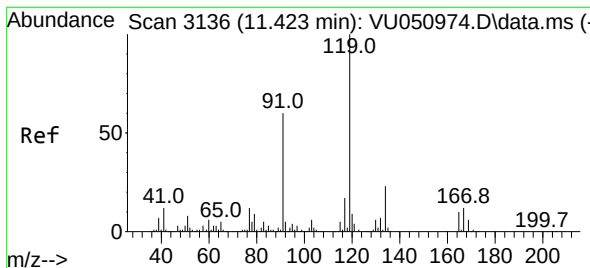
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 1.069 ug/l
RT: 9.534 min Scan# 2564
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Tgt Ion:131 Resp: 14476
Ion Ratio Lower Upper
131 100
133 98.9 77.8 116.6
119 69.8 55.2 82.8





#61

Pentachloroethane

Concen: 0.747 ug/l

RT: 11.421 min Scan# 3136

Delta R.T. -0.002 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion:117 Resp: 7104

Ion Ratio Lower Upper

117 100

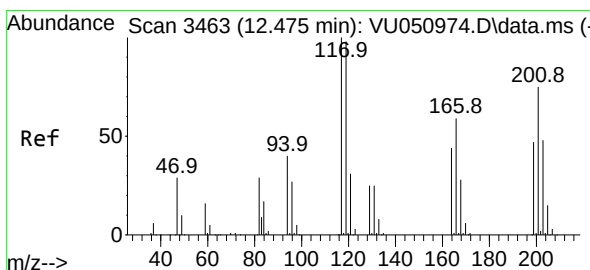
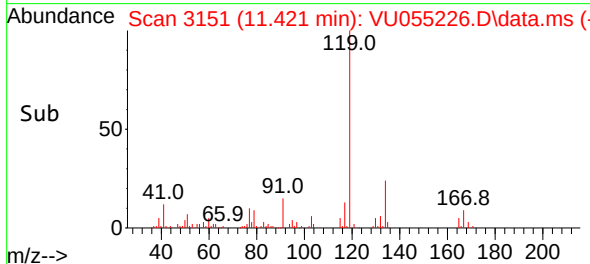
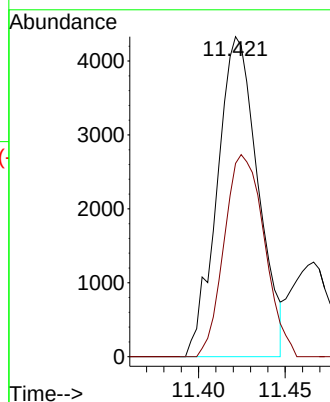
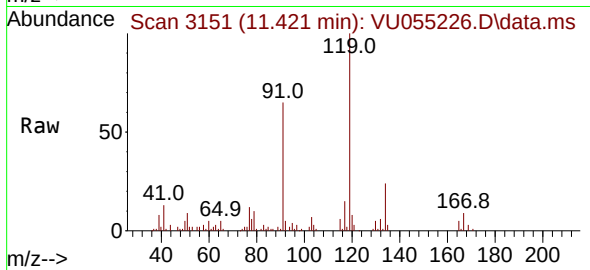
167 62.2 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#62

Hexachloroethane

Concen: 0.924 ug/l

RT: 12.473 min Scan# 3478

Delta R.T. -0.002 min

Lab File: VU055226.D

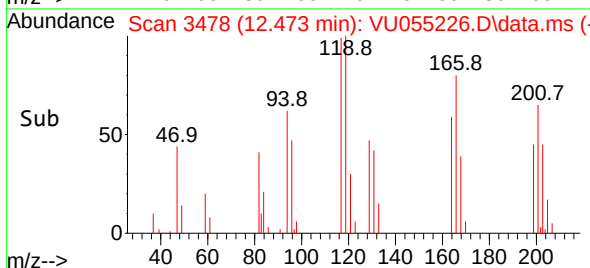
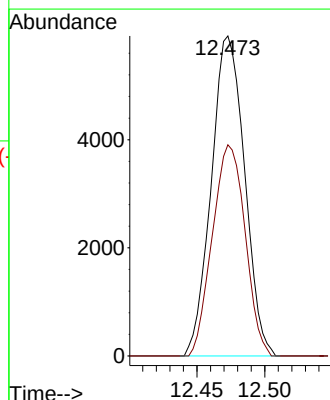
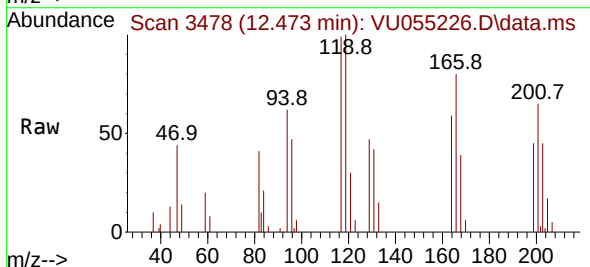
Acq: 11 Sep 2023 09:38

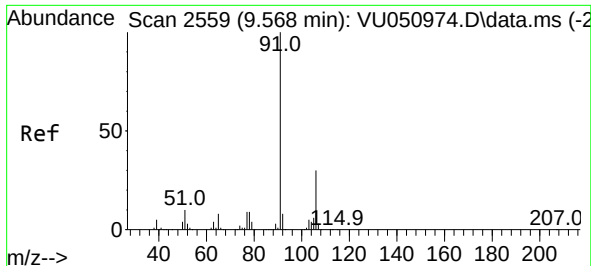
Tgt Ion:117 Resp: 10111

Ion Ratio Lower Upper

117 100

201 64.9 59.6 89.4





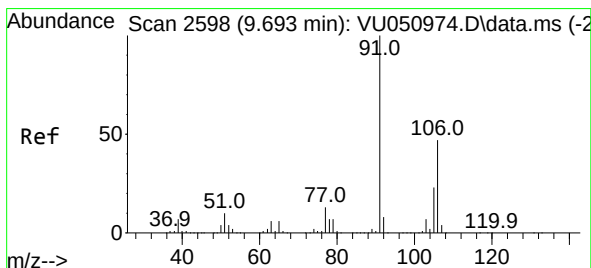
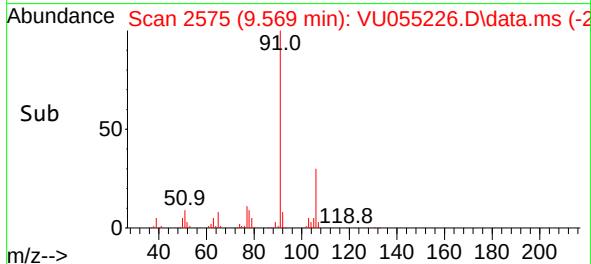
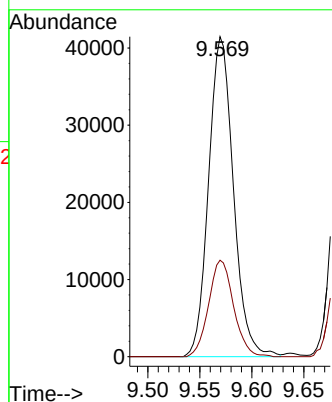
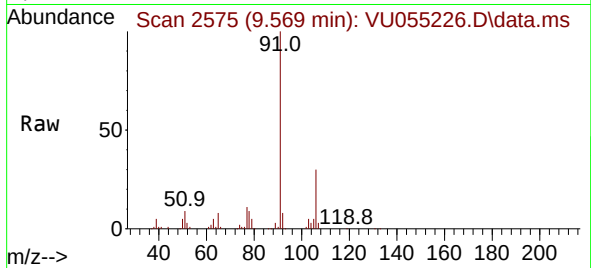
#63
Ethyl Benzene
Concen: 0.879 ug/l
RT: 9.569 min Scan# 2100
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 6870
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

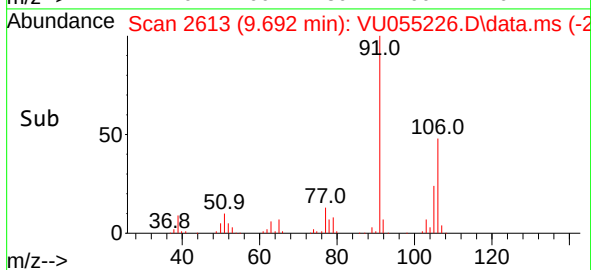
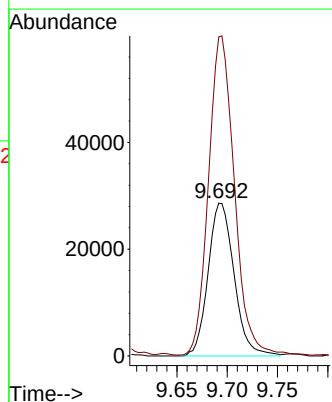
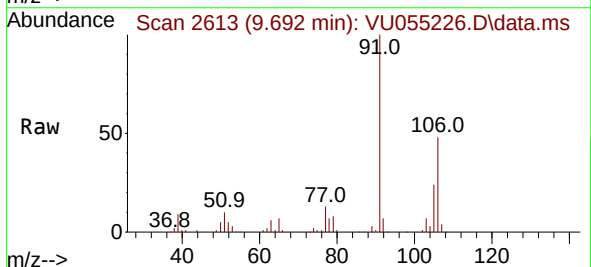
Manual Integrations
APPROVED

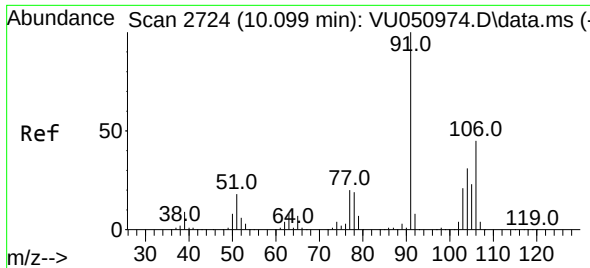
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
m/p-Xylenes
Concen: 1.722 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Tgt Ion:106 Resp: 51442
Ion Ratio Lower Upper
106 100
91 207.9 167.3 250.9





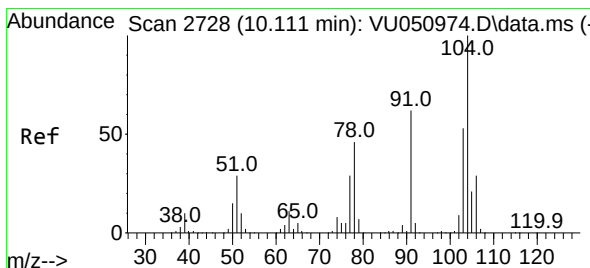
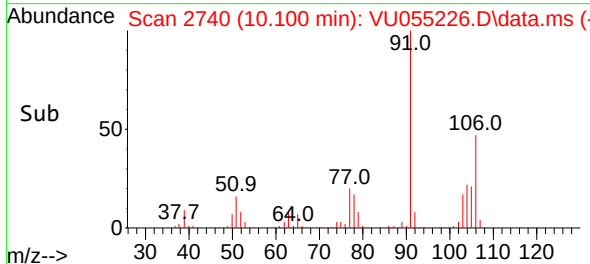
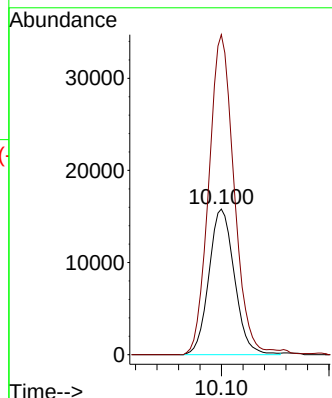
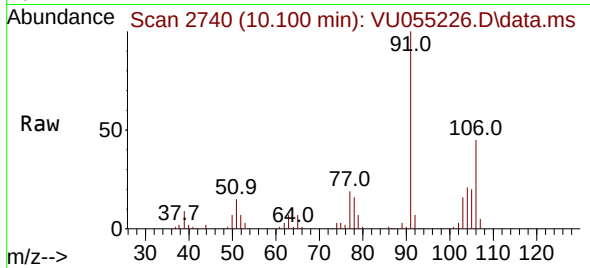
#65
o-Xylene
Concen: 0.892 ug/l
RT: 10.100 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 2607
Ion Ratio Lower Upper
106 100
91 219.0 109.3 327.9

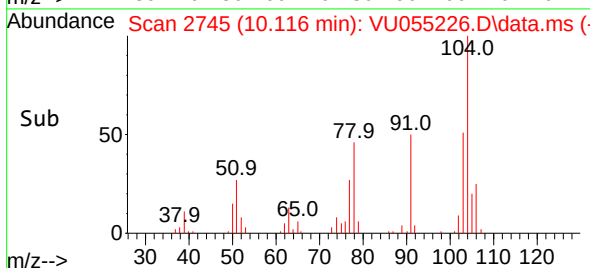
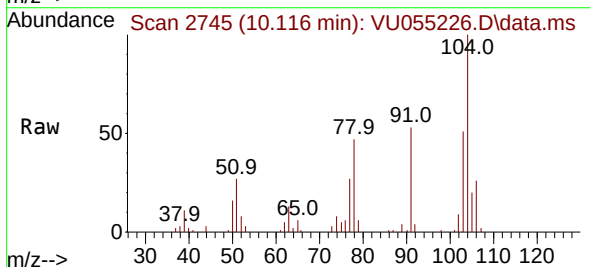
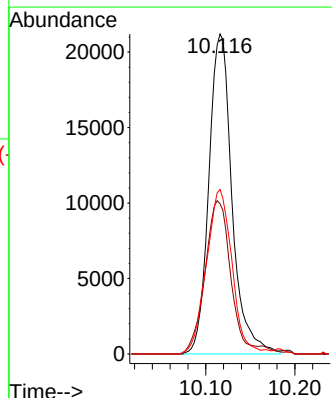
Manual Integrations
APPROVED

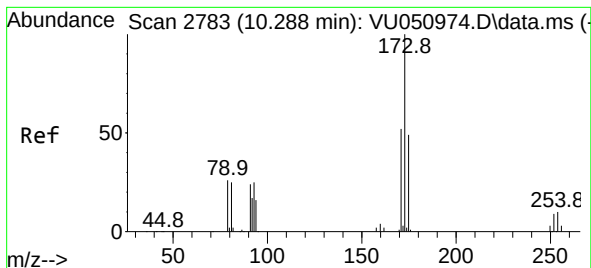
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
Styrene
Concen: 0.854 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.005 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Tgt Ion:104 Resp: 38374
Ion Ratio Lower Upper
104 100
78 54.0 39.7 59.5
103 57.0 44.8 67.2





#67

Bromoform

Concen: 1.082 ug/l

RT: 10.293 min Scan# 21

Delta R.T. 0.005 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

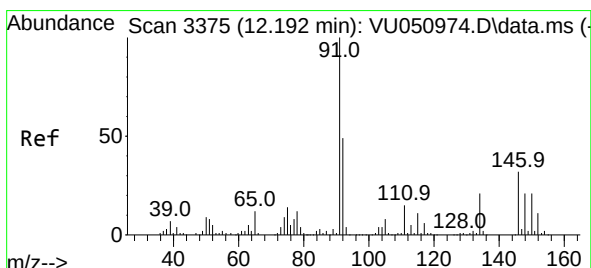
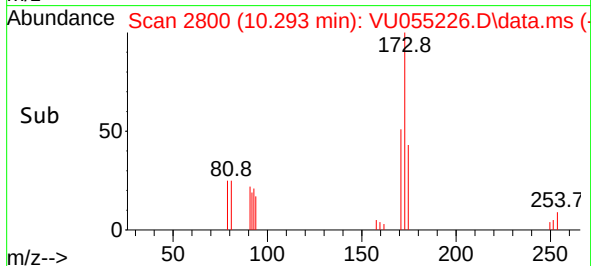
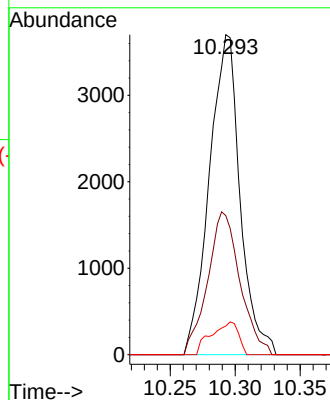
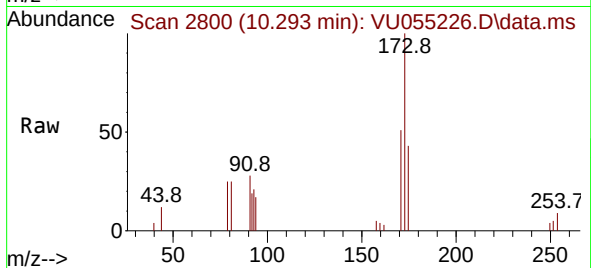
Tgt Ion:	173	Resp:	605
Ion Ratio	Lower	Upper	
173	100		
175	47.2	39.0	58.6
254	9.0	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#68

1,2-Dichlorobenzene-d4

Concen: 1.002 ug/l

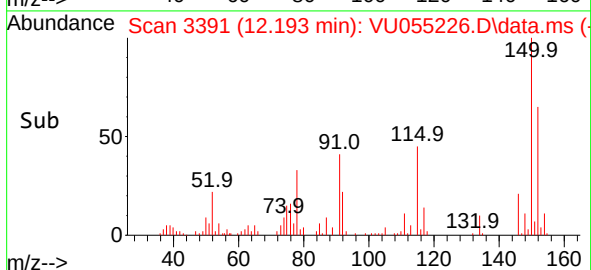
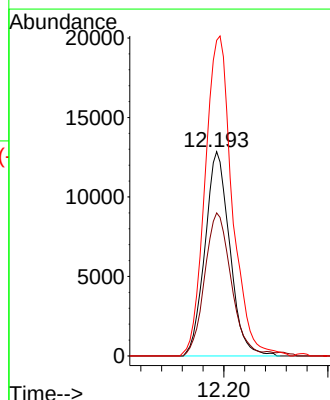
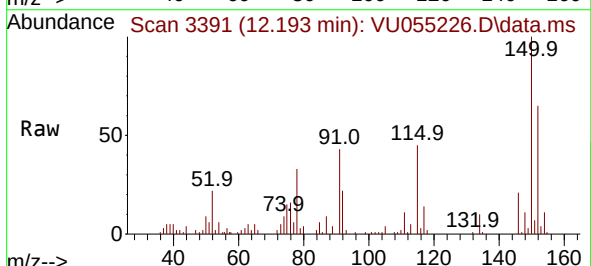
RT: 12.193 min Scan# 3391

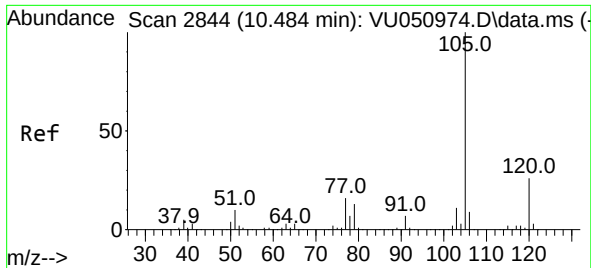
Delta R.T. 0.001 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Tgt Ion:	152	Resp:	21231
Ion Ratio	Lower	Upper	
152	100		
115	74.9	0.0	308.8
150	172.1	0.0	635.0





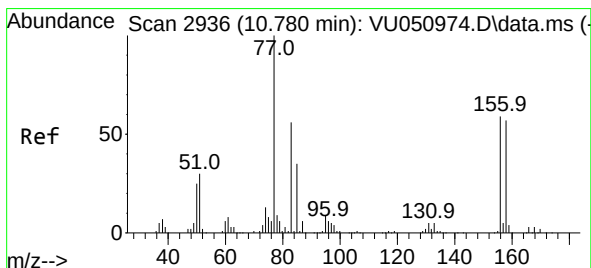
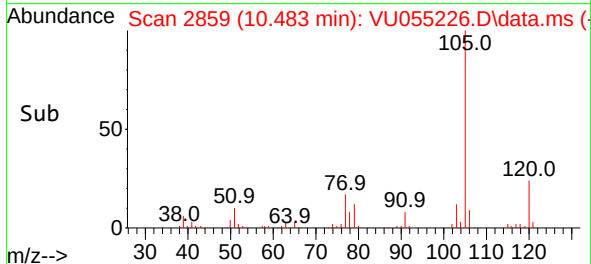
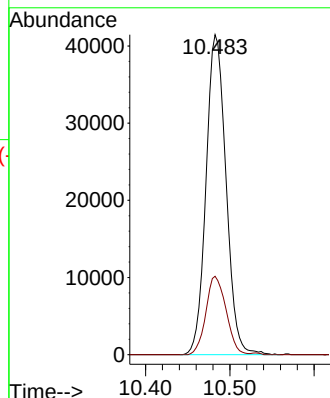
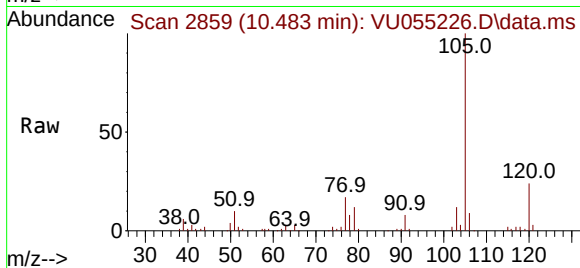
#69
Isopropylbenzene
Concen: 0.894 ug/l
RT: 10.483 min Scan# 2844
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 68430
Ion Ratio Lower Upper
105 100
120 24.7 12.8 38.4

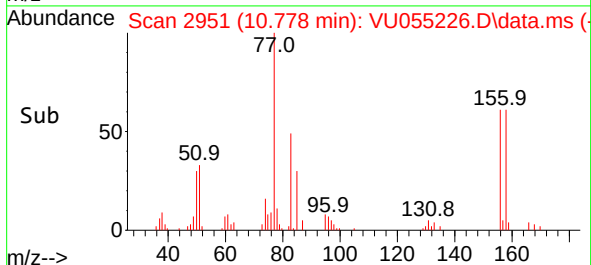
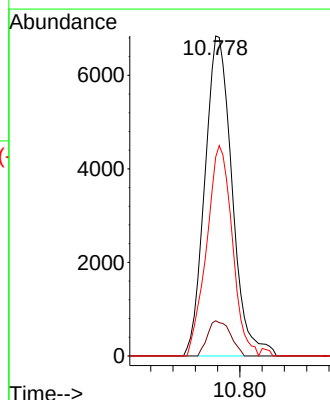
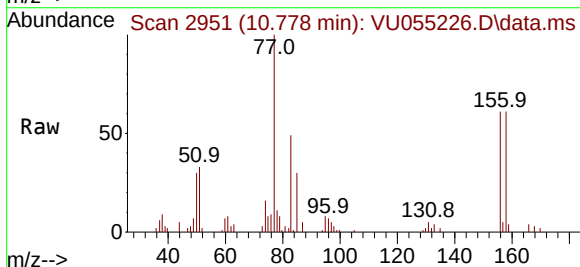
Manual Integrations
APPROVED

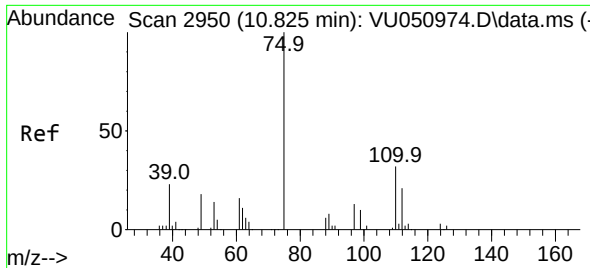
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.824 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

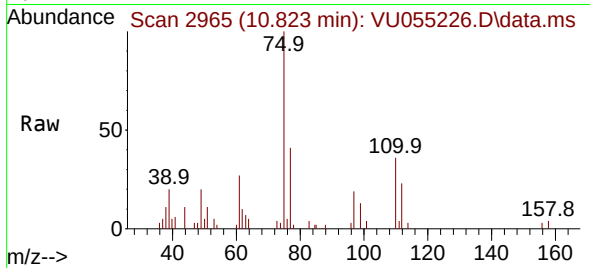
Tgt Ion: 83 Resp: 11592
Ion Ratio Lower Upper
83 100
131 9.2 7.2 10.8
85 61.9 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.933 ug/l m
RT: 10.823 min Scan# 2950
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

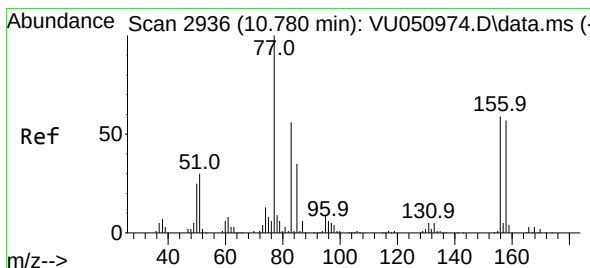
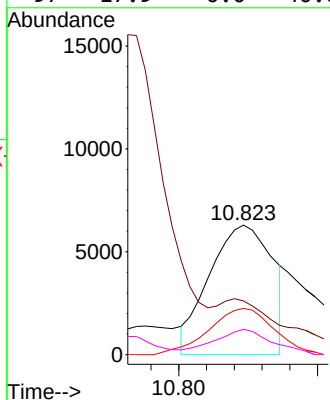
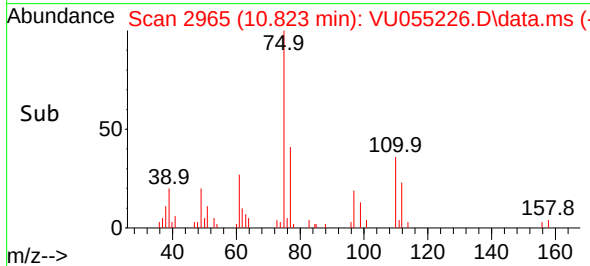
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



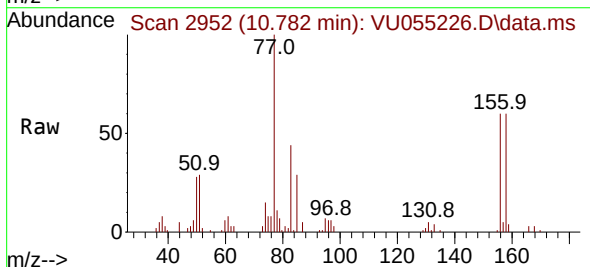
Tgt Ion:	75	Resp:	9914
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	116.4
110	36.9	0.0	74.6
97	17.9	0.0	40.0

Manual Integrations
APPROVED

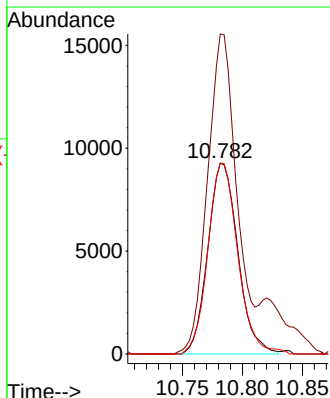
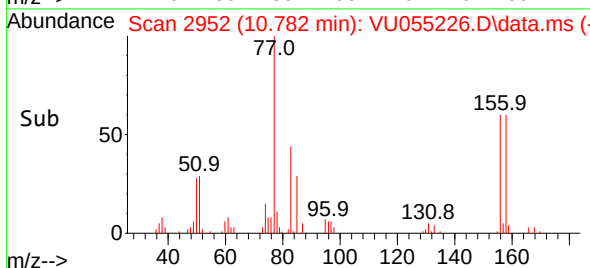
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

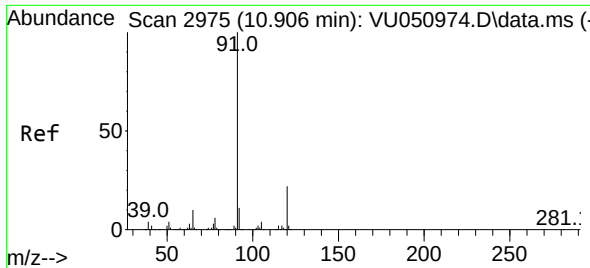


#72
Bromobenzene
Concen: 1.005 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38



Tgt Ion:	156	Resp:	16117
Ion	Ratio	Lower	Upper
156	100		
77	161.8	0.0	343.0
158	99.7	0.0	194.8





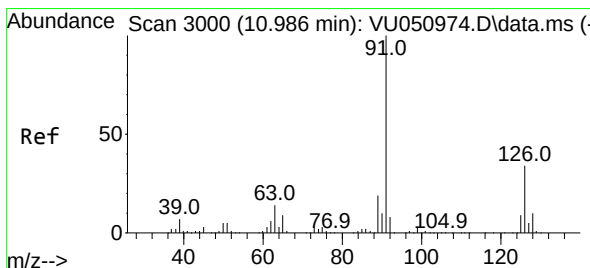
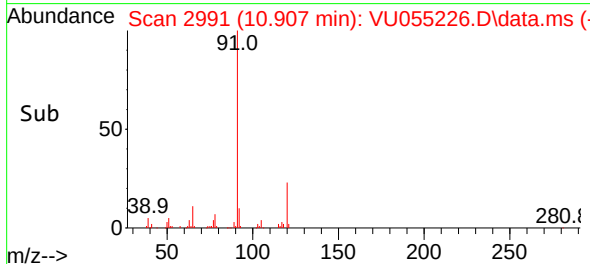
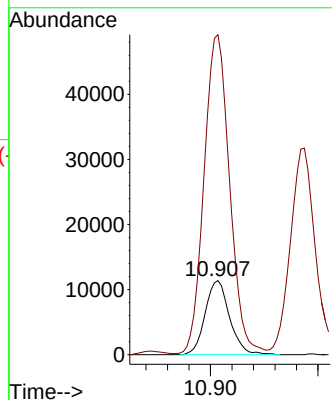
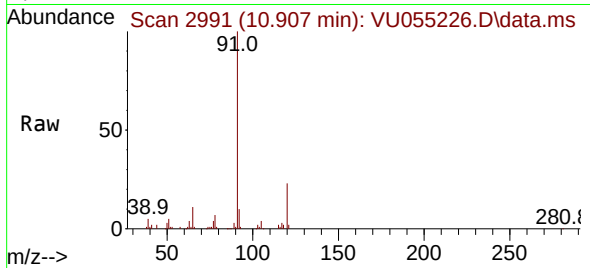
#73
n-propylbenzene
Concen: 0.885 ug/l
RT: 10.907 min Scan# 2975
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:120 Resp: 17905
Ion Ratio Lower Upper
120 100
91 450.5 369.8 554.6

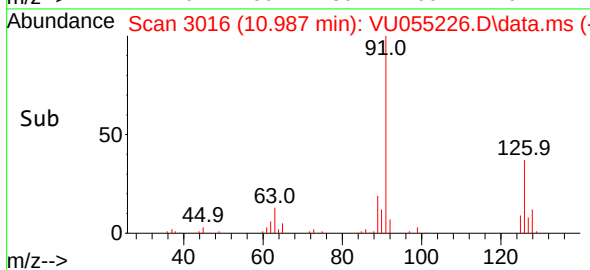
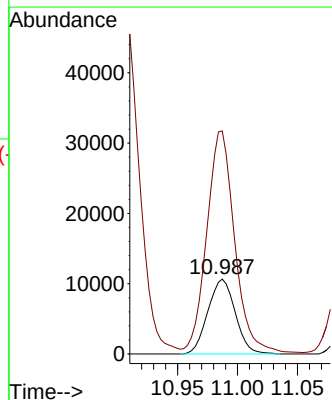
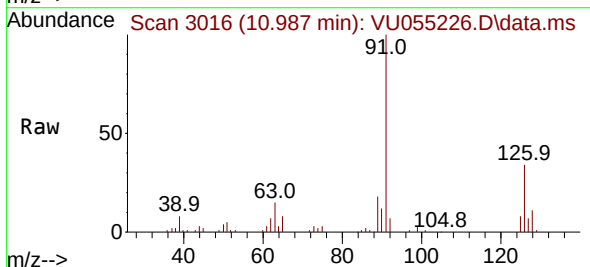
Manual Integrations
APPROVED

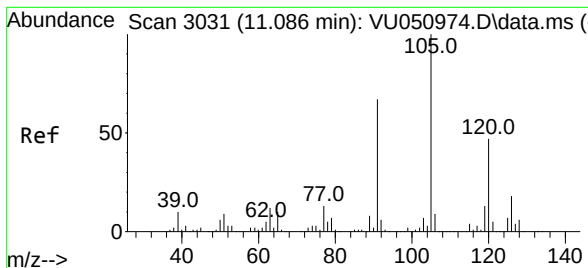
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#74
2-Chlorotoluene
Concen: 0.965 ug/l
RT: 10.987 min Scan# 3016
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Tgt Ion:126 Resp: 16868
Ion Ratio Lower Upper
126 100
91 300.4 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 0.856 ug/l

RT: 11.087 min Scan# 3031

Delta R.T. 0.001 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 55034

Ion Ratio Lower Upper

105 100

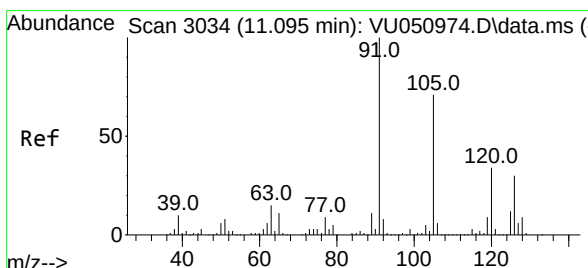
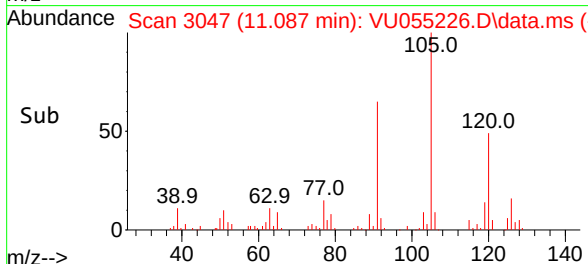
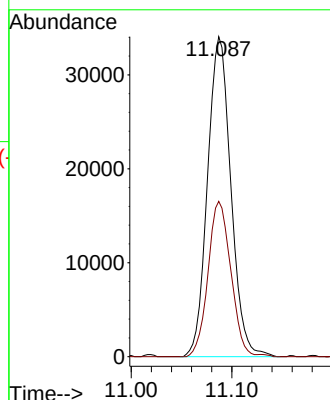
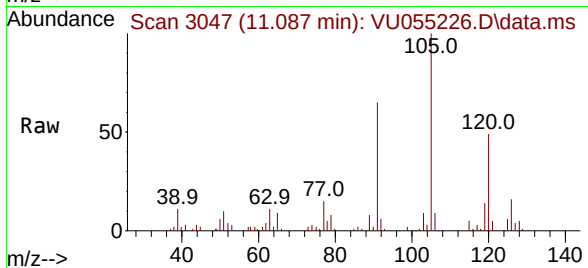
120 47.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#76

4-Chlorotoluene

Concen: 0.926 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.002 min

Lab File: VU055226.D

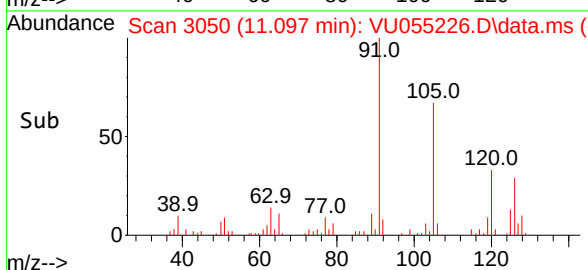
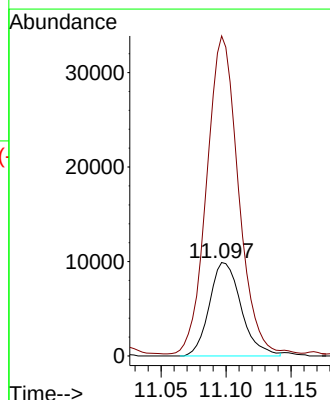
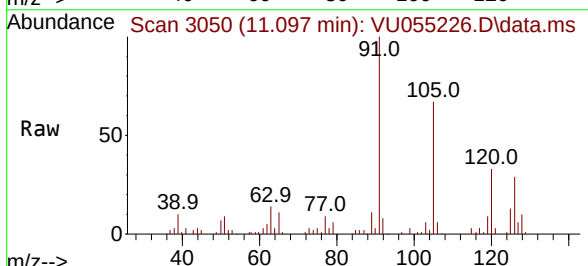
Acq: 11 Sep 2023 09:38

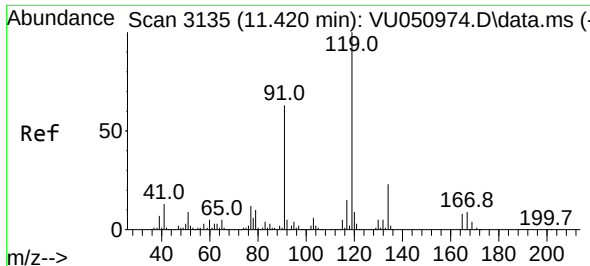
Tgt Ion:126 Resp: 16818

Ion Ratio Lower Upper

126 100

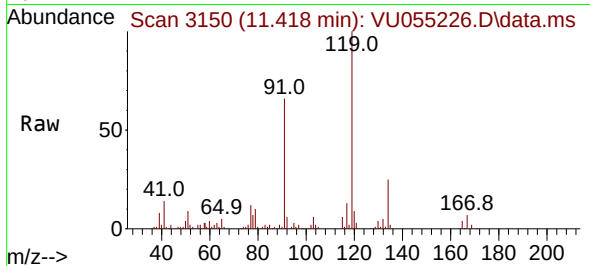
91 338.6 0.0 686.2





#77
tert-Butylbenzene
Concen: 0.864 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

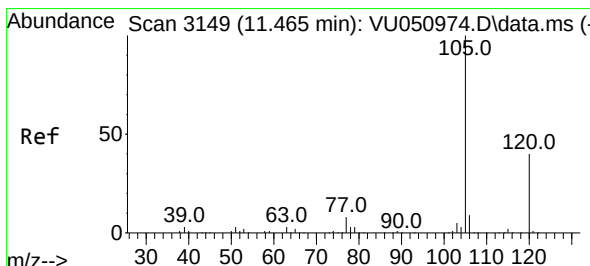
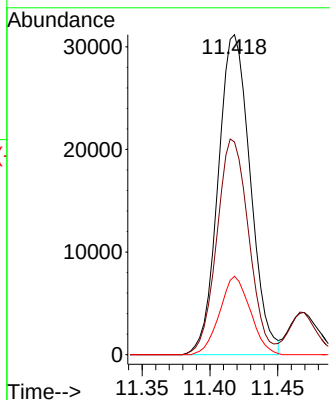
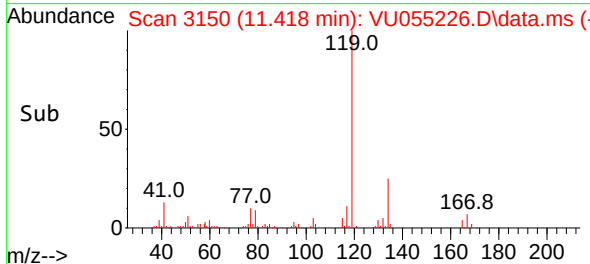
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



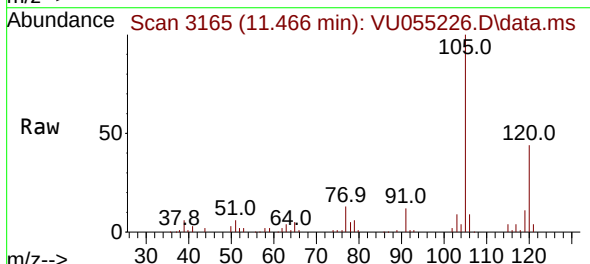
Tgt Ion:119 Resp: 51499
Ion Ratio Lower Upper
119 100
91 66.7 30.8 92.4
134 23.3 18.0 27.0

Manual Integrations
APPROVED

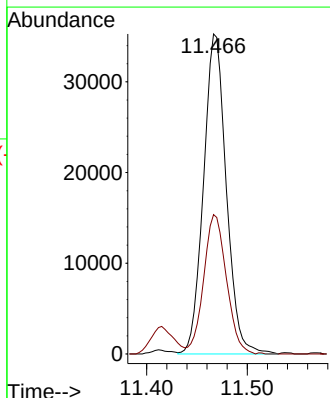
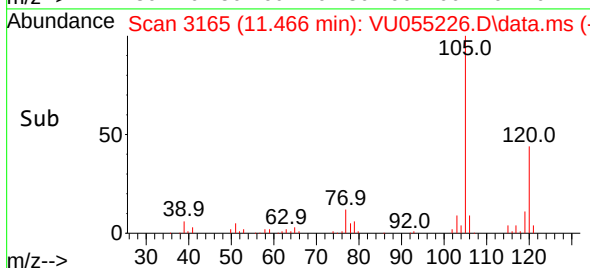
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

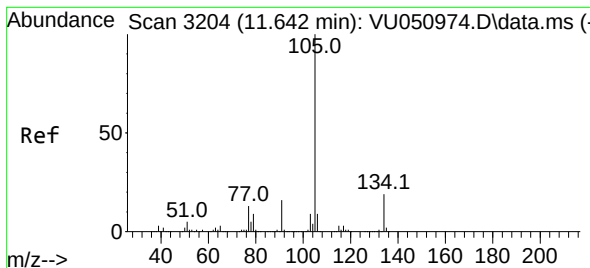


#78
1,2,4-Trimethylbenzene
Concen: 0.848 ug/l
RT: 11.466 min Scan# 3165
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38



Tgt Ion:105 Resp: 55524
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.8





#79

sec-Butylbenzene

Concen: 0.840 ug/l

RT: 11.643 min Scan# 31

Delta R.T. 0.001 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

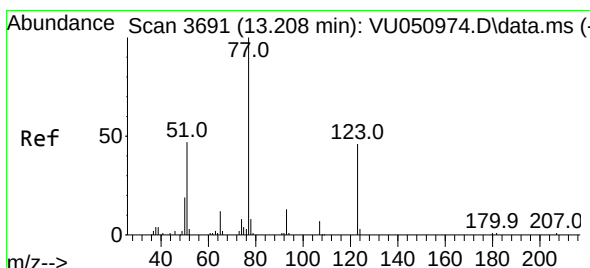
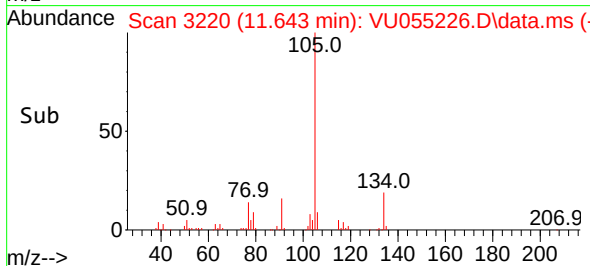
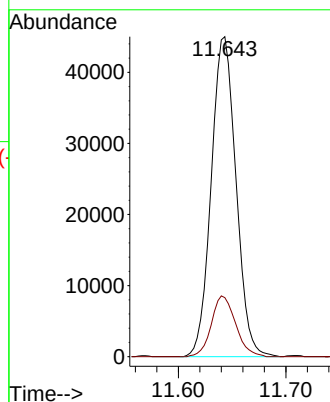
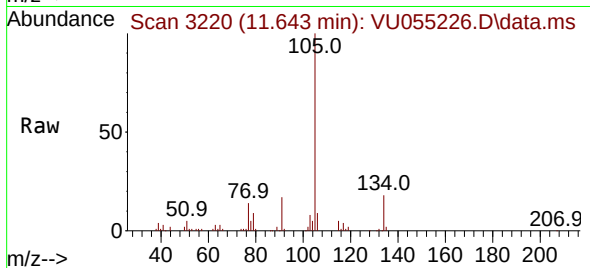
Tgt Ion:105 Resp: 72090
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.9 22.3

Manual Integrations

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Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#80

Nitrobenzene

Concen: 3.533 ug/l m

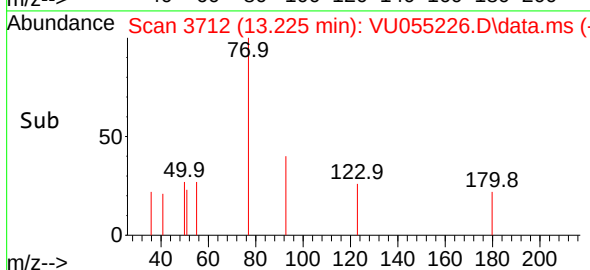
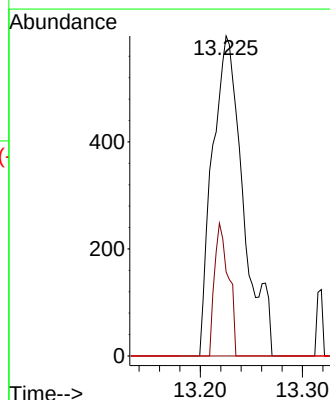
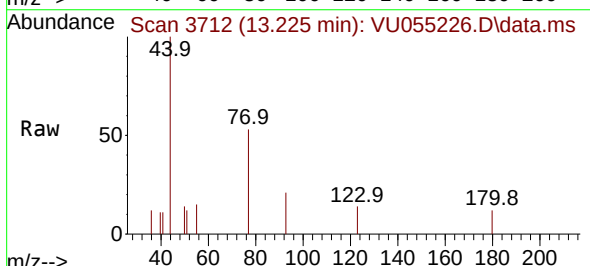
RT: 13.225 min Scan# 3712

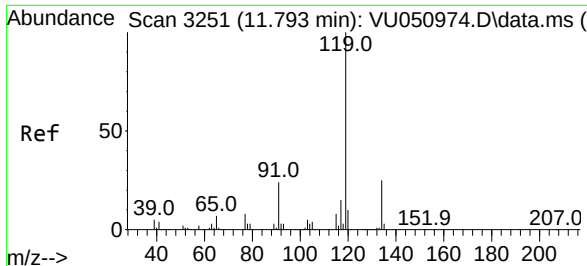
Delta R.T. 0.017 min

Lab File: VU055226.D

Acq: 11 Sep 2023 09:38

Tgt Ion: 77 Resp: 1249
 Ion Ratio Lower Upper
 77 100
 123 18.7 19.7 69.7#
 65 0.0 11.5 14.7#





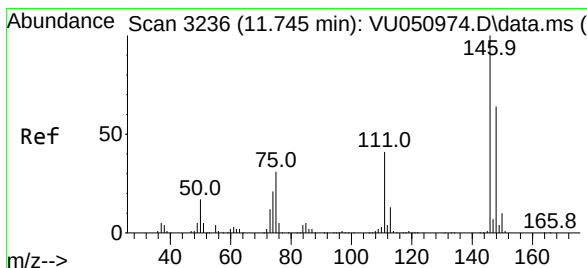
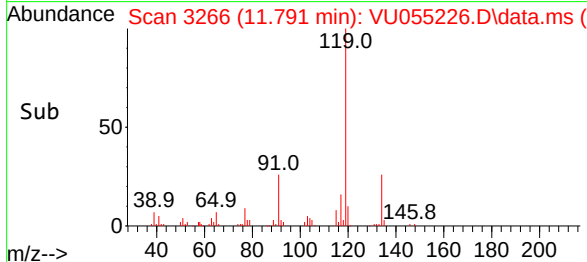
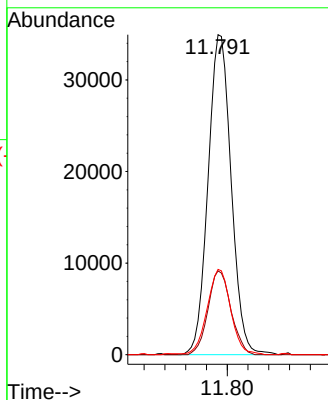
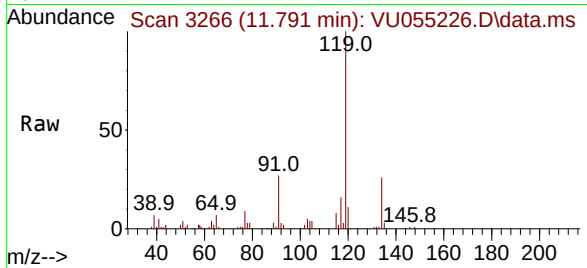
#81
p-Isopropyltoluene
Concen: 0.800 ug/l
RT: 11.791 min Scan# 31
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 53948
Ion Ratio Lower Upper
119 100
134 26.0 20.2 30.4
91 27.0 19.3 28.9

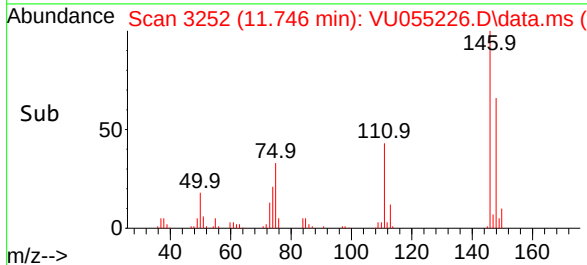
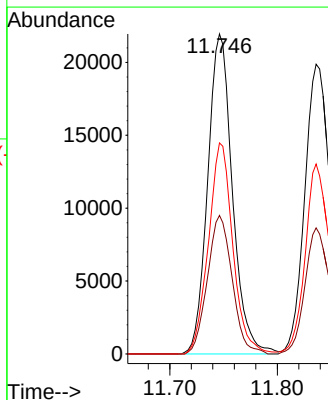
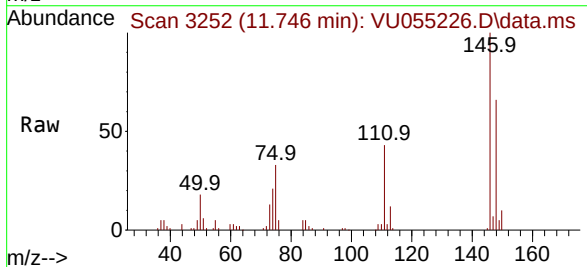
Manual Integrations
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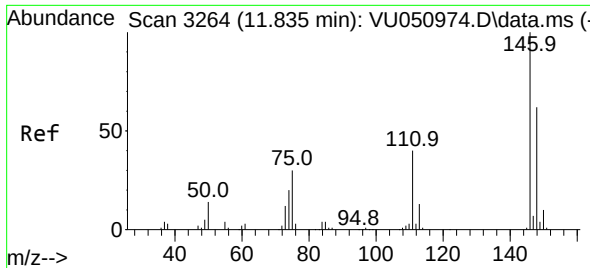
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#82
1,3-Dichlorobenzene
Concen: 1.024 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

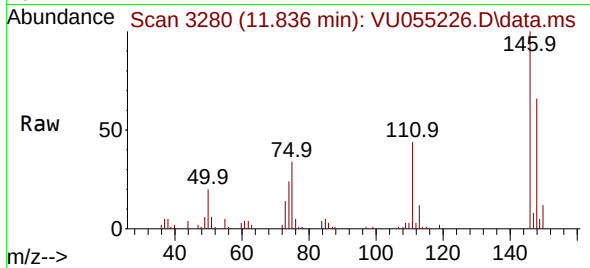
Tgt Ion:146 Resp: 35015
Ion Ratio Lower Upper
146 100
111 43.3 32.6 49.0
148 65.2 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.961 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

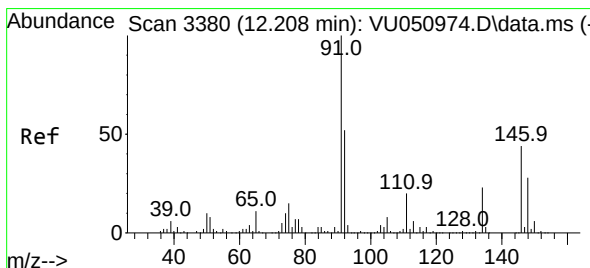
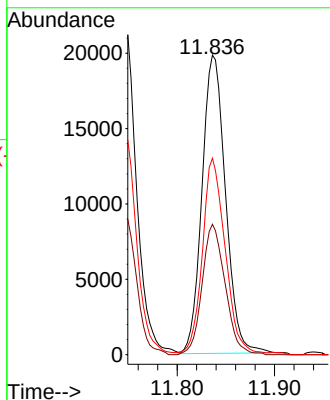
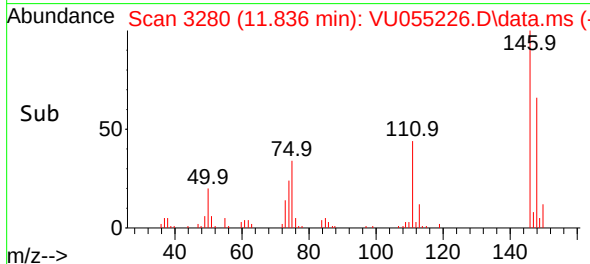
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



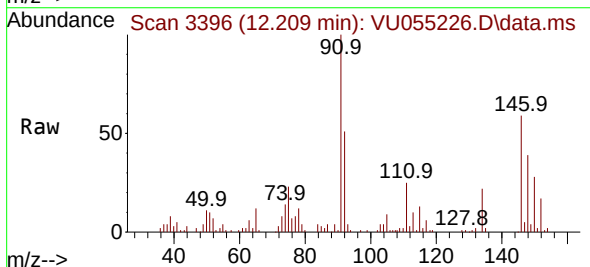
Tgt Ion:146 Resp: 33224
Ion Ratio Lower Upper
146 100
111 42.7 31.6 47.4
148 62.5 50.3 75.5

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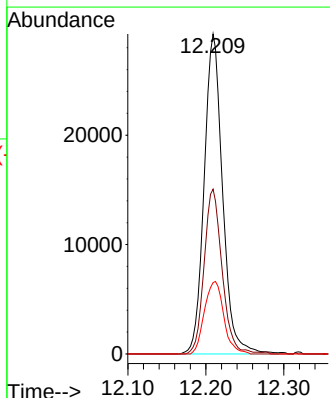
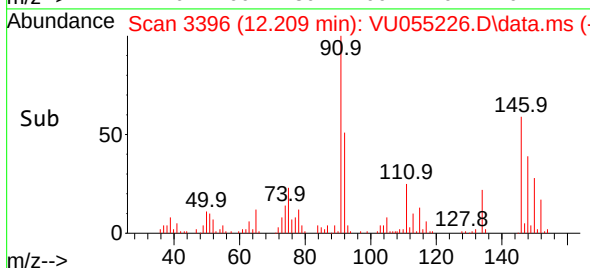
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

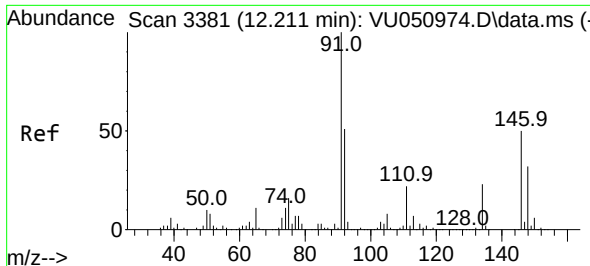


#84
n-Butylbenzene
Concen: 0.723 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38



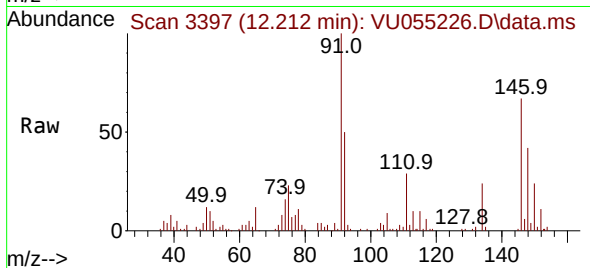
Tgt Ion: 91 Resp: 48129
Ion Ratio Lower Upper
91 100
92 50.2 40.8 61.2
134 23.8 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 0.984 ug/l
RT: 12.212 min Scan# 3187
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

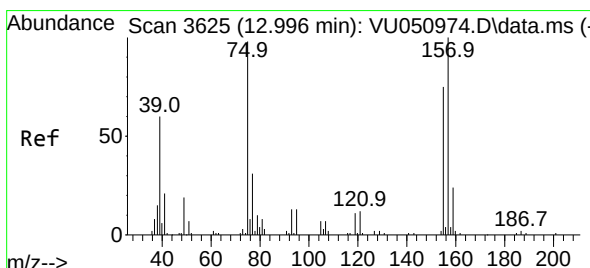
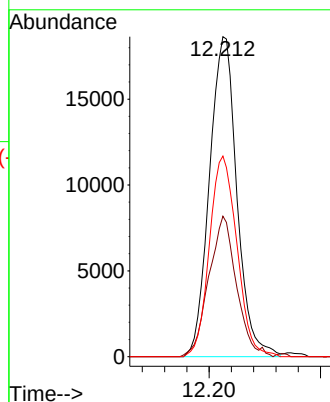
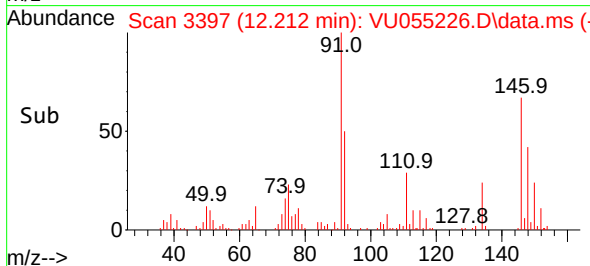
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



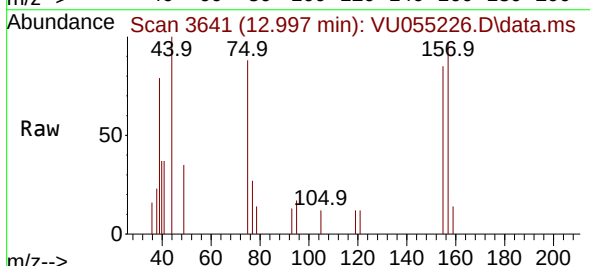
Tgt Ion:146 Resp: 3187
Ion Ratio Lower Upper
146 100
111 44.2 21.6 64.6
148 63.0 32.1 96.5

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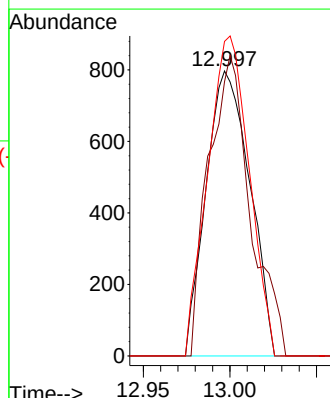
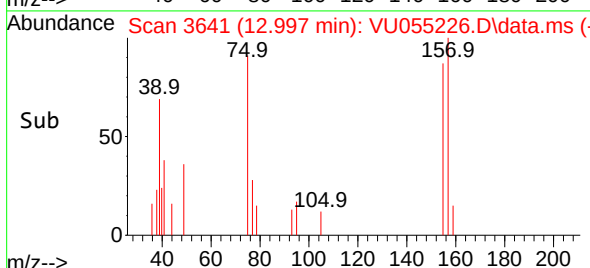
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

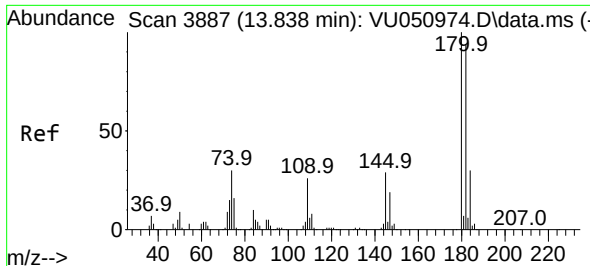


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.656 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.001 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38



Tgt Ion: 75 Resp: 1401
Ion Ratio Lower Upper
75 100
155 100.7 61.8 92.8#
157 106.5 80.2 120.4





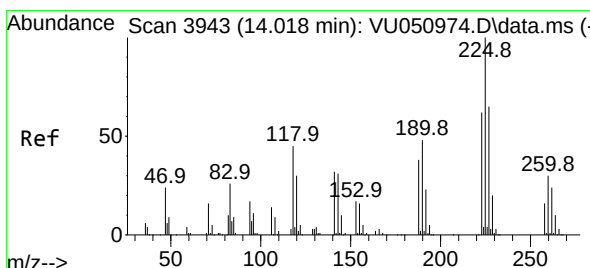
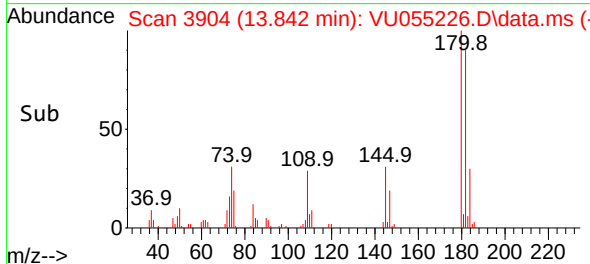
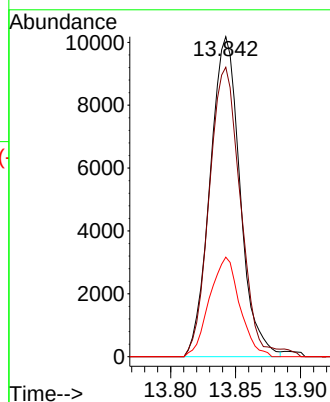
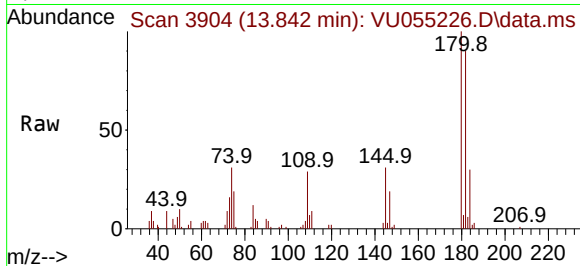
#87
1,2,4-Trichlorobenzene
Concen: 0.863 ug/l
RT: 13.842 min Scan# 3904
Delta R.T. 0.004 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:180 Resp: 1631
Ion Ratio Lower Upper
180 100
182 94.4 75.8 113.6
145 31.4 23.9 35.9

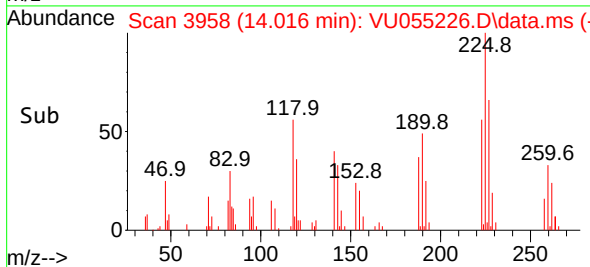
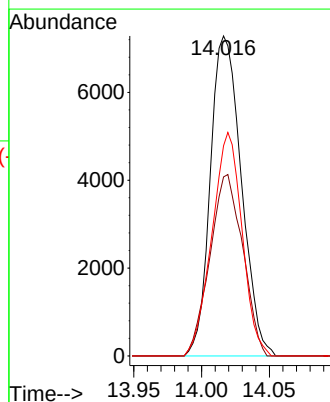
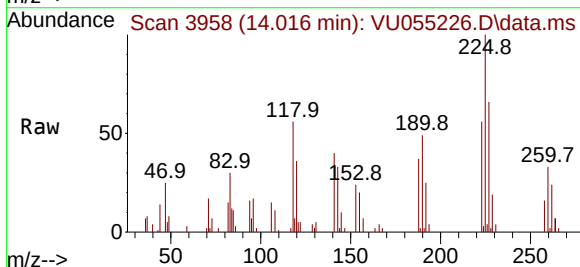
Manual Integrations
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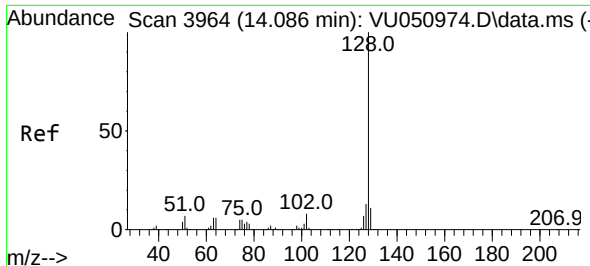
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#88
Hexachlorobutadiene
Concen: 1.280 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. -0.002 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

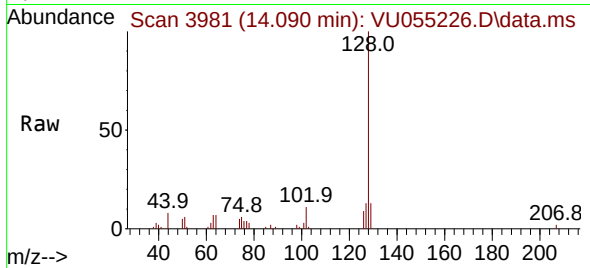
Tgt Ion:225 Resp: 11564
Ion Ratio Lower Upper
225 100
223 60.1 50.2 75.4
227 68.0 51.5 77.3





#89
Naphthalene
Concen: 0.553 ug/l
RT: 14.090 min Scan# 3964
Delta R.T. 0.004 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38

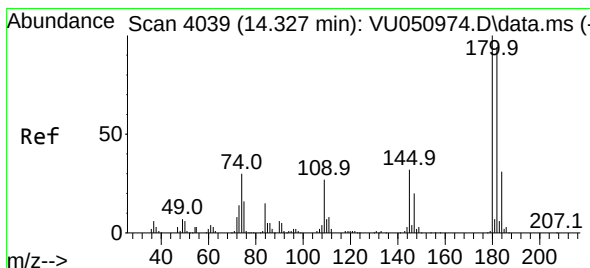
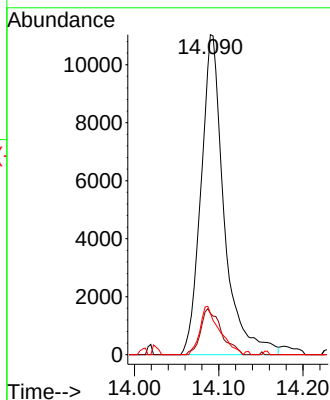
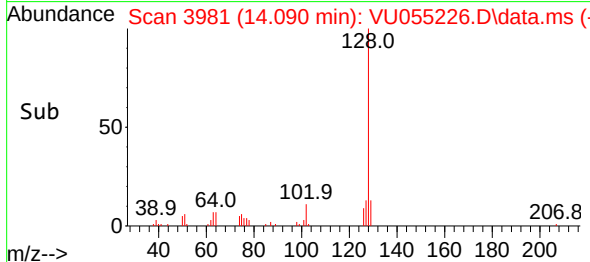
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



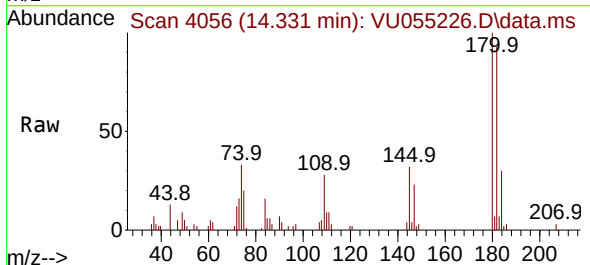
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.9	16.3
129	12.8	8.6	12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#90
1,2,3-Trichlorobenzene
Concen: 0.836 ug/l
RT: 14.331 min Scan# 4056
Delta R.T. 0.004 min
Lab File: VU055226.D
Acq: 11 Sep 2023 09:38



Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	75.7	113.5
145	36.0	26.1	39.1

