

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054276.D
 Acq On : 26 May 2023 11:29
 Operator : JC/MD
 Sample : VU0526WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBS01

Quant Time: May 29 23:58:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	231022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	364648	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	350985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	195132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	157954	52.156	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.320%			
35) Dibromofluoromethane	5.282	113	123682	52.670	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.340%			
50) Toluene-d8	7.893	98	481071	53.859	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.720%			
62) 4-Bromofluorobenzene	10.626	95	176877	51.071	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	51875	20.114	ug/l	97
3) Chloromethane	1.520	50	62075	18.382	ug/l	96
4) Vinyl Chloride	1.604	62	60428	18.755	ug/l	99
5) Bromomethane	1.858	94	35242	19.759	ug/l	98
6) Chloroethane	1.932	64	30335	19.523	ug/l	96
7) Trichlorofluoromethane	2.134	101	80507	18.162	ug/l	96
8) Diethyl Ether	2.372	74	30632	18.667	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.575	101	45515	18.965	ug/l	97
10) Methyl Iodide	2.720	142	43744	16.838	ug/l	94
11) Tert butyl alcohol	3.247	59	71552m	87.466	ug/l	
12) 1,1-Dichloroethene	2.575	96	44508	17.911	ug/l	93
13) Acrolein	2.485	56	73052	85.840	ug/l	99
14) Allyl chloride	2.919	41	76801	17.825	ug/l	88
15) Acrylonitrile	3.311	53	168434	91.833	ug/l	98
16) Acetone	2.636	43	145796	83.987	ug/l	98
17) Carbon Disulfide	2.790	76	127571	17.371	ug/l	100
18) Methyl Acetate	2.948	43	113951	17.978	ug/l	96
19) Methyl tert-butyl Ether	3.356	73	148147	18.213	ug/l	99
20) Methylene Chloride	3.041	84	55611	17.757	ug/l	95
21) trans-1,2-Dichloroethene	3.350	96	49143	18.472	ug/l	92
22) Diisopropyl ether	3.986	45	146518	19.186	ug/l #	82
23) Vinyl Acetate	3.948	43	524606	94.143	ug/l	98
24) 1,1-Dichloroethane	3.864	63	90999	18.609	ug/l	99
25) 2-Butanone	4.703	43	206159	89.697	ug/l	96
26) 2,2-Dichloropropane	4.655	77	77080	18.037	ug/l	97
27) cis-1,2-Dichloroethene	4.662	96	56179	18.982	ug/l	97
28) Bromochloromethane	4.967	49	47505	20.994	ug/l	85
29) Tetrahydrofuran	5.051	42	131372	90.933	ug/l	92
30) Chloroform	5.083	83	92847	18.679	ug/l	97
31) Cyclohexane	5.382	56	81498	19.058	ug/l	95
32) 1,1,1-Trichloroethane	5.311	97	79371	18.392	ug/l	99
36) 1,1-Dichloropropene	5.523	75	64921	17.602	ug/l	98
37) Ethyl Acetate	4.800	43	77776	17.303	ug/l	96
38) Carbon Tetrachloride	5.520	117	71798	19.019	ug/l	99
39) Methylcyclohexane	6.758	83	77778	18.618	ug/l	90
40) Benzene	5.768	78	201527	19.156	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	38477	18.521	ug/l	94
42) 1,2-Dichloroethane	5.790	62	72339	18.928	ug/l	99
43) Isopropyl Acetate	5.906	43	109956	17.734	ug/l	97
44) Trichloroethene	6.539	130	54764	18.622	ug/l	92
45) 1,2-Dichloropropane	6.787	63	52407	19.095	ug/l	100
46) Dibromomethane	6.912	93	38683	19.148	ug/l	94
47) Bromodichloromethane	7.099	83	69393	18.367	ug/l	99
48) Methyl methacrylate	6.957	41	51497	18.729	ug/l	93
49) 1,4-Dioxane	7.009	88	28546	359.614	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	376309	90.948	ug/l	99
52) Toluene	7.964	92	126499	18.857	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	79631	18.423	ug/l	98
54) cis-1,3-Dichloropropene	7.604	75	83000	18.400	ug/l	98
55) 1,1,2-Trichloroethane	8.395	97	52190	18.773	ug/l	97
56) Ethyl methacrylate	8.330	69	73991	17.880	ug/l	98
57) 1,3-Dichloropropane	8.571	76	88968	18.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	12381	46.664	ug/l	98
59) 2-Hexanone	8.681	43	289144	88.463	ug/l	98
60) Dibromochloromethane	8.806	129	52513	18.592	ug/l	99
61) 1,2-Dibromoethane	8.919	107	56878	18.799	ug/l	99
64) Tetrachloroethene	8.549	164	51463	19.482	ug/l	98
65) Chlorobenzene	9.443	112	132937	18.118	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.530	131	50420	18.942	ug/l	96
67) Ethyl Benzene	9.565	91	232932	18.568	ug/l	98
68) m/p-Xylenes	9.690	106	178429	37.525	ug/l	92
69) o-Xylene	10.095	106	87898	19.096	ug/l	96
70) Styrene	10.112	104	144369	18.913	ug/l	98
71) Bromoform	10.285	173	42278	18.277	ug/l #	100
73) Isopropylbenzene	10.478	105	227218	18.802	ug/l	97
74) N-amyl acetate	10.314	43	91596	17.850	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	89017	18.204	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	99924	17.546	ug/l	95
77) Bromobenzene	10.777	156	59947	18.064	ug/l	91
78) n-propylbenzene	10.899	91	275417	18.604	ug/l	99
79) 2-Chlorotoluene	10.980	91	166451	18.572	ug/l	96
80) 1,3,5-Trimethylbenzene	11.083	105	196283	19.099	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.539	75	25231	16.870	ug/l	94
82) 4-Chlorotoluene	11.092	91	194964	18.540	ug/l	97
83) tert-Butylbenzene	11.414	119	185076	18.009	ug/l	93
84) 1,2,4-Trimethylbenzene	11.462	105	186959	18.286	ug/l	99
85) sec-Butylbenzene	11.639	105	240369	18.433	ug/l	99
86) p-Isopropyltoluene	11.790	119	199832	18.220	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	116184	18.081	ug/l	99
88) 1,4-Dichlorobenzene	11.832	146	118251	17.616	ug/l	98
89) n-Butylbenzene	12.205	91	180101	17.445	ug/l	98
90) Hexachloroethane	12.468	117	34667	17.867	ug/l	92
91) 1,2-Dichlorobenzene	12.208	146	115409	18.257	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	20010	17.943	ug/l	88
93) 1,2,4-Trichlorobenzene	13.835	180	74910	17.785	ug/l	99
94) Hexachlorobutadiene	14.015	225	35645	17.676	ug/l	99
95) Naphthalene	14.082	128	221828	16.749	ug/l	99
96) 1,2,3-Trichlorobenzene	14.324	180	74865	17.667	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

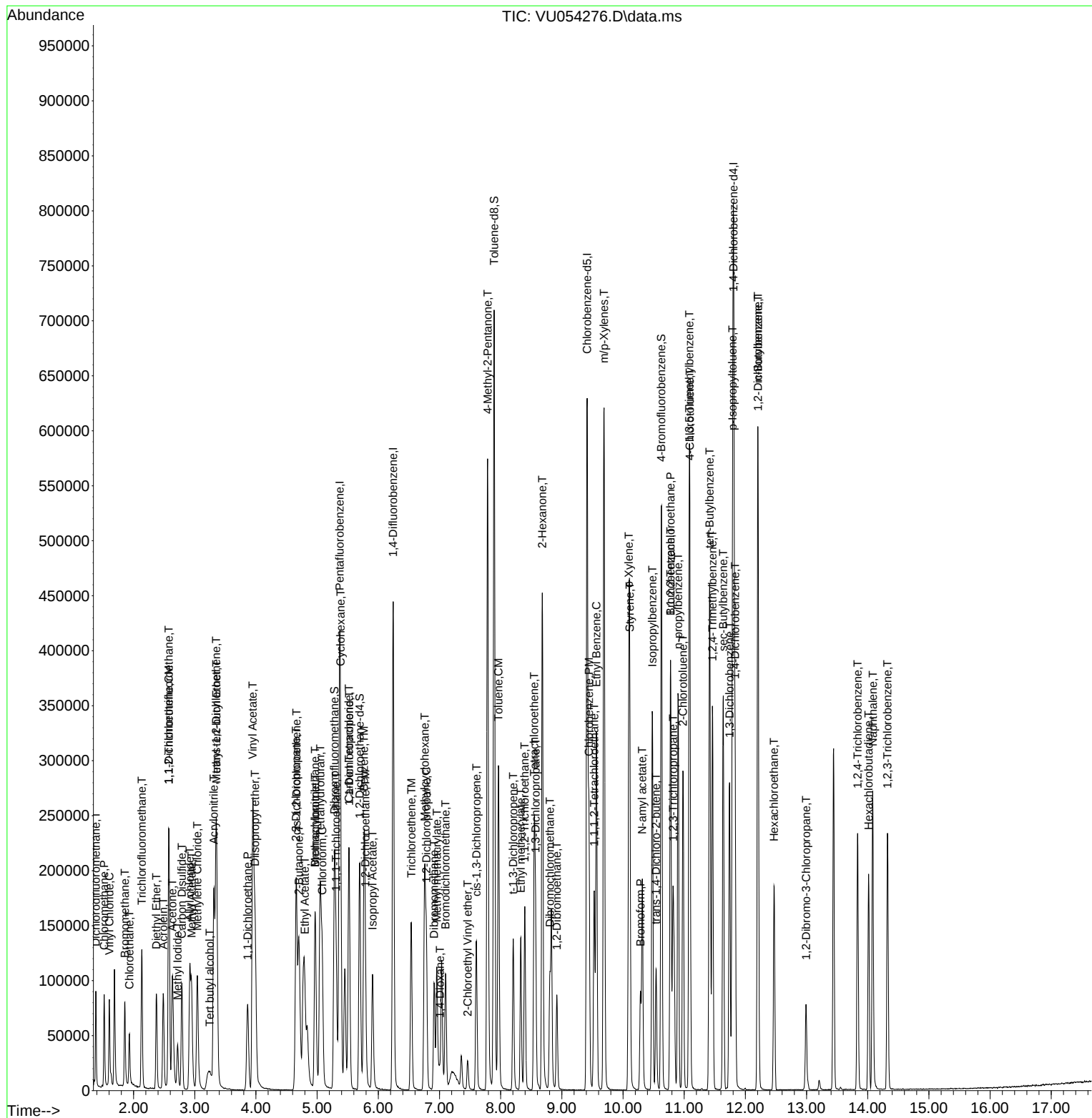
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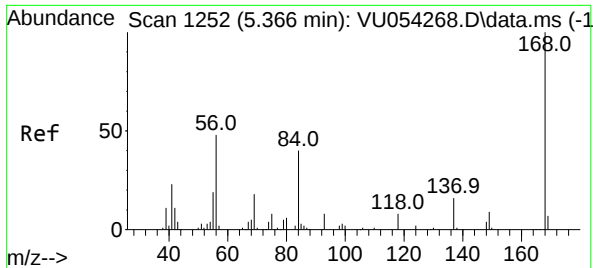
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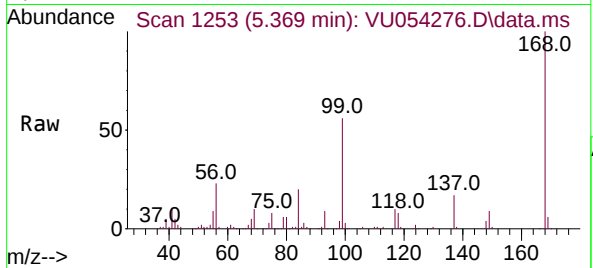
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054276.D
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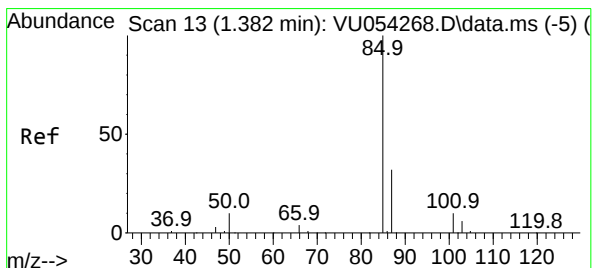
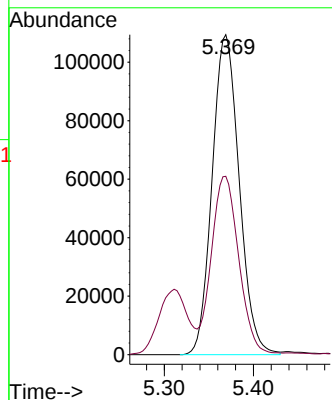
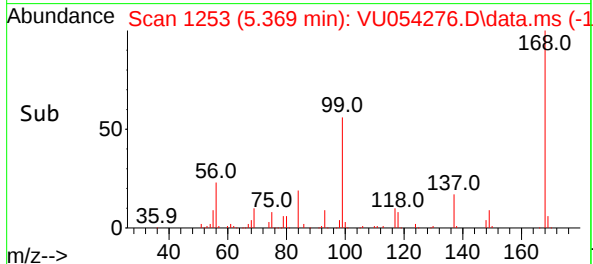
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01



Tgt Ion:168 Resp: 23102
Ion Ratio Lower Upper
168 100
99 55.2 39.3 58.9

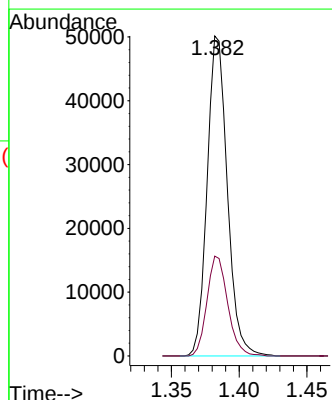
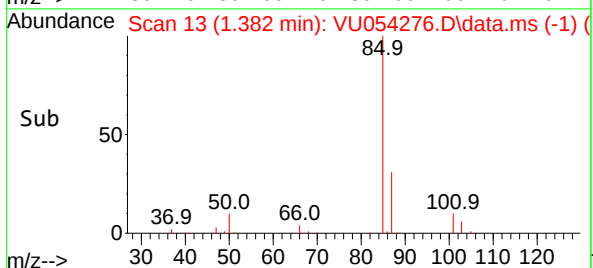
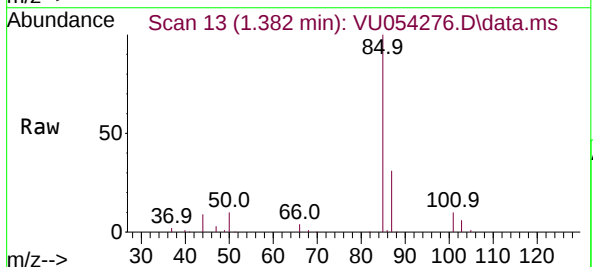
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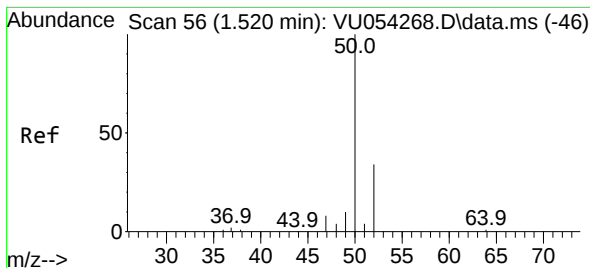
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#2
Dichlorodifluoromethane
Concen: 20.114 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 85 Resp: 51875
Ion Ratio Lower Upper
85 100
87 31.2 16.4 49.2





#3

Chloromethane

Concen: 18.382 ug/l

RT: 1.520 min Scan# 50

Delta R.T. 0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

Tgt Ion: 50 Resp: 62075

Ion Ratio Lower Upper

50 100

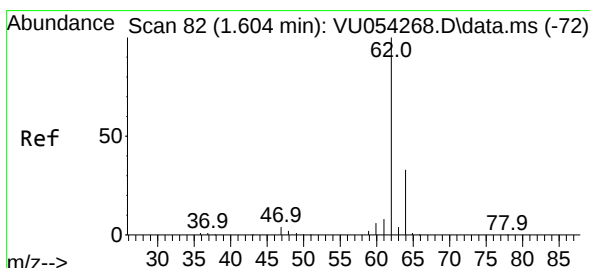
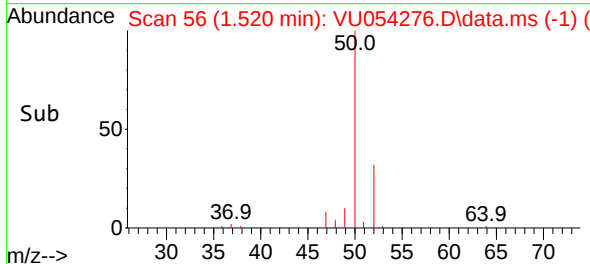
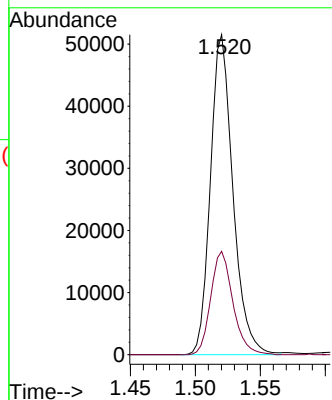
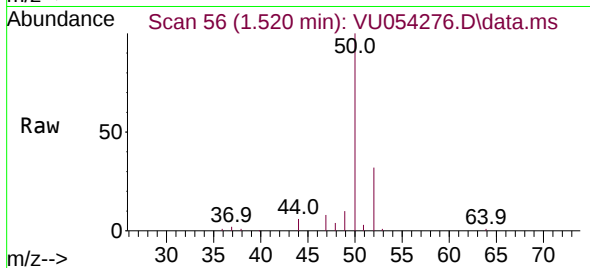
52 32.3 27.4 41.2

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 18.755 ug/l

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU054276.D

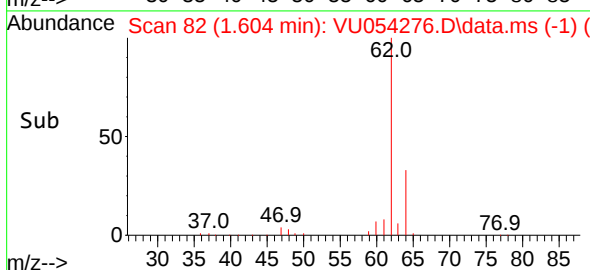
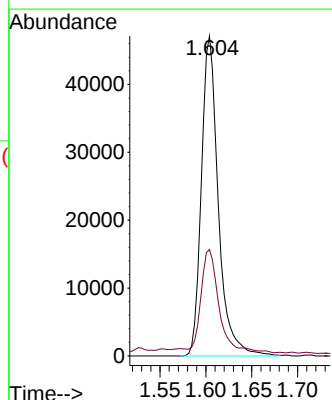
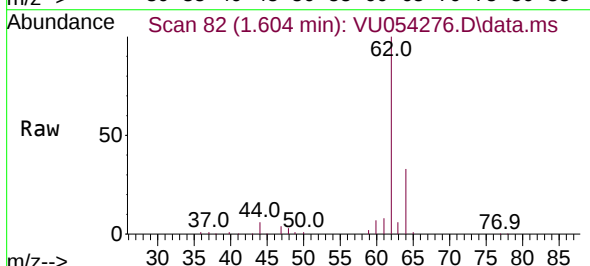
Acq: 26 May 2023 11:29

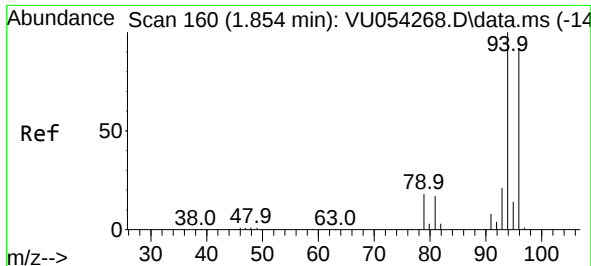
Tgt Ion: 62 Resp: 60428

Ion Ratio Lower Upper

62 100

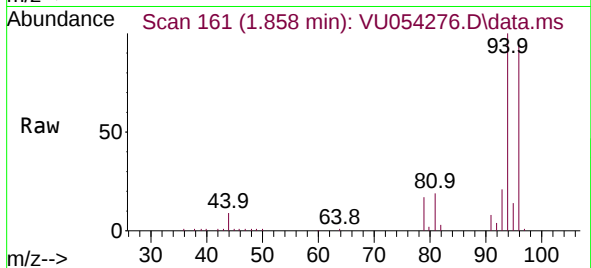
64 32.1 25.3 37.9





#5
Bromomethane
Concen: 19.759 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.004 min
Lab File: VU054276.D
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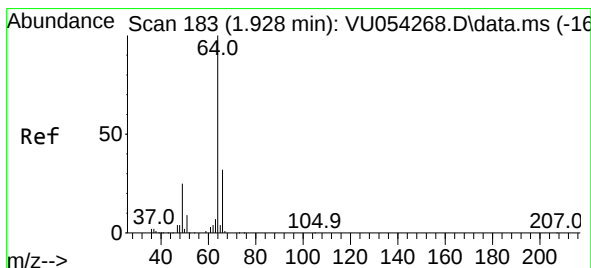
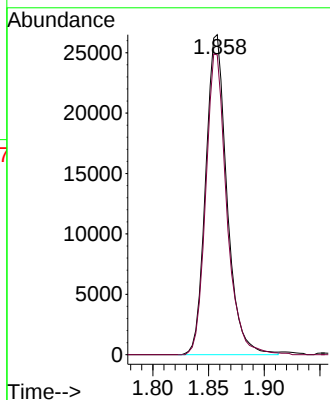
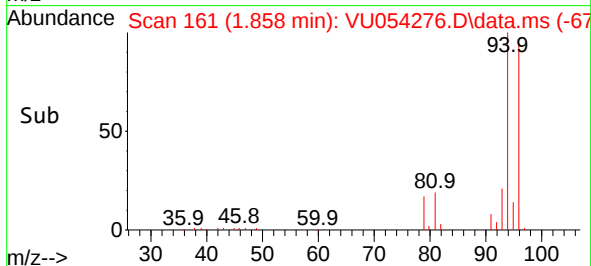
Instrument :
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Tgt Ion: 94 Resp: 3524
Ion Ratio Lower Upper
94 100
96 93.7 73.7 110.5

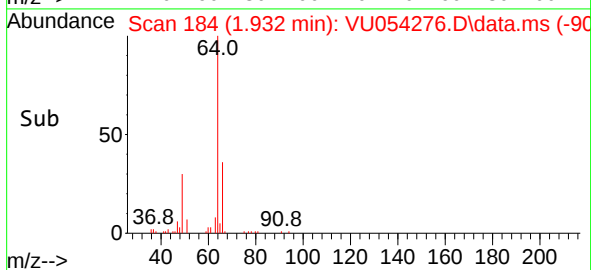
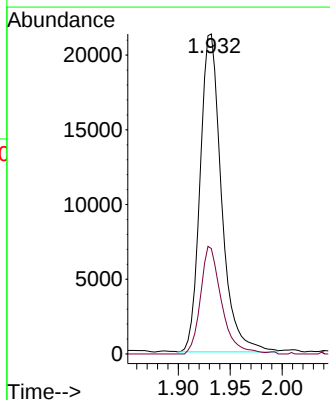
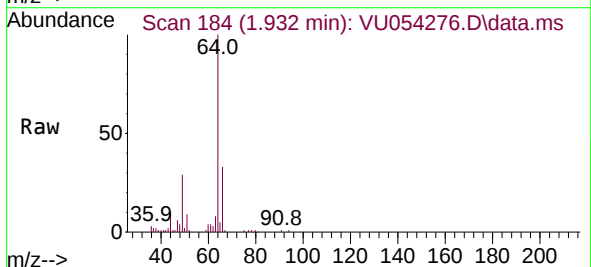
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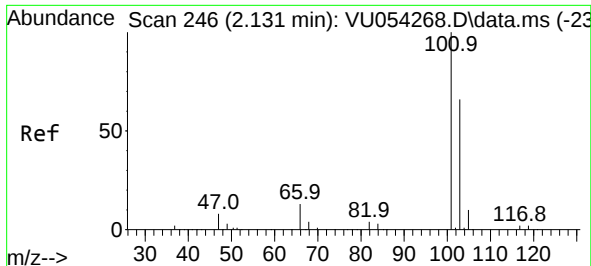
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#6
Chloroethane
Concen: 19.523 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 64 Resp: 30335
Ion Ratio Lower Upper
64 100
66 33.1 24.7 37.1





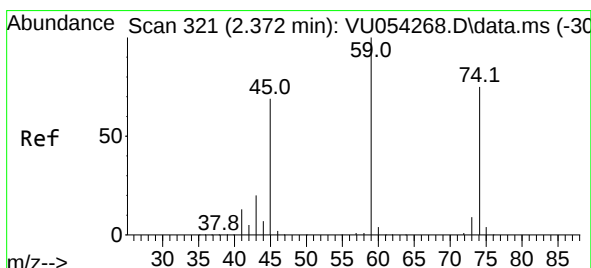
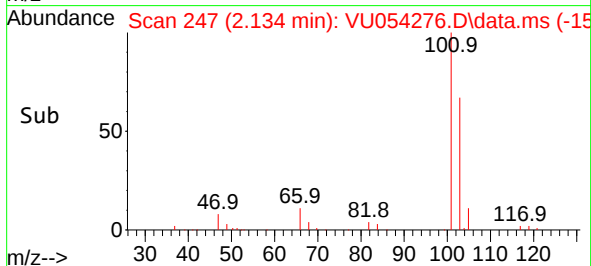
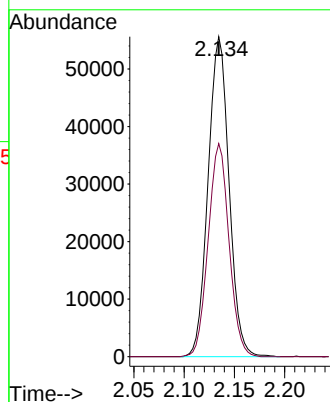
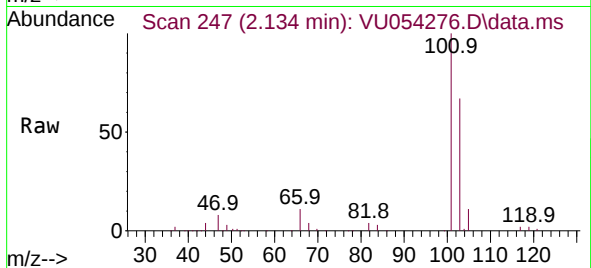
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Trichlorofluoromethane
Concen: 18.162 ug/l
RT: 2.134 min Scan# 246
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion:101 Resp: 8050
Ion Ratio Lower Upper
101 100
103 66.6 50.6 75.8

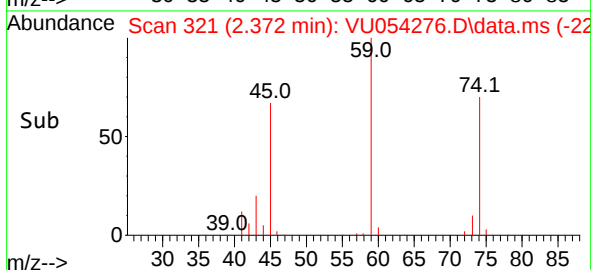
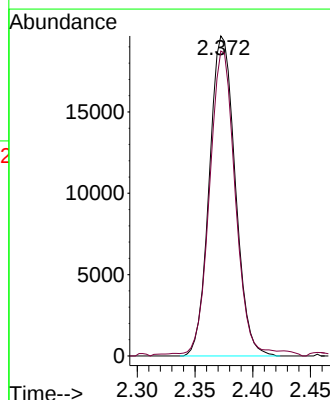
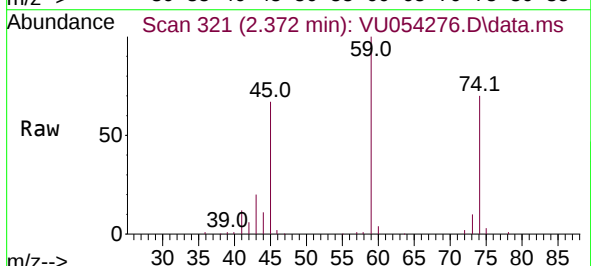
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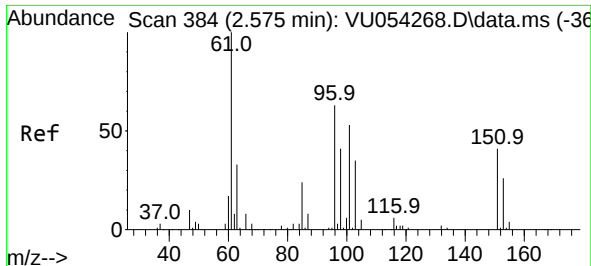
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#8
Diethyl Ether
Concen: 18.667 ug/l
RT: 2.372 min Scan# 321
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 74 Resp: 30632
Ion Ratio Lower Upper
74 100
45 96.4 44.4 133.2





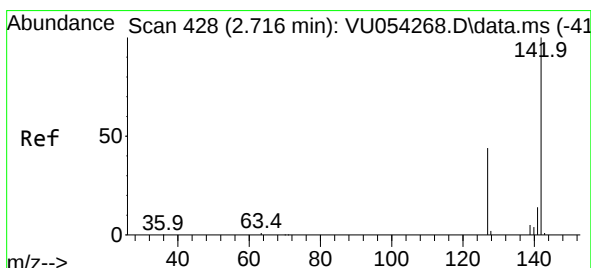
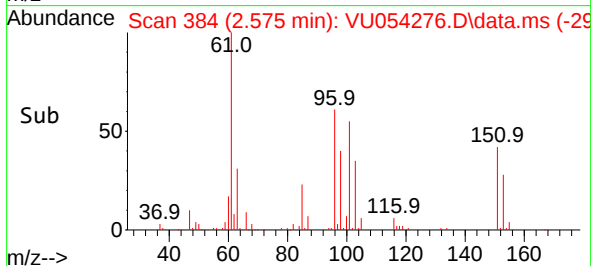
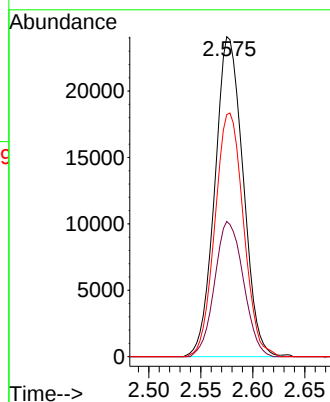
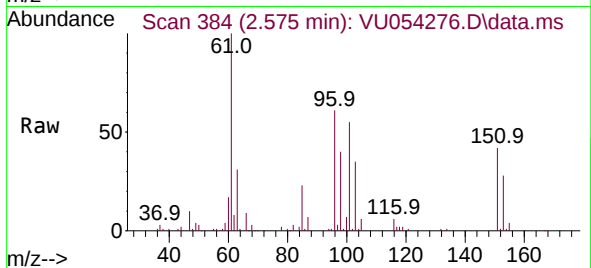
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.965 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
Client Sample Id :
VU0526WBS01

Tgt Ion:101 Resp: 4551
Ion Ratio Lower Upper
101 100
85 43.0 33.9 50.9
151 76.9 64.0 96.0

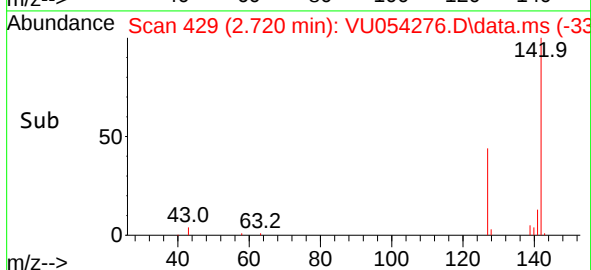
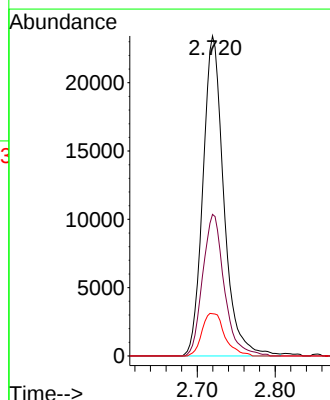
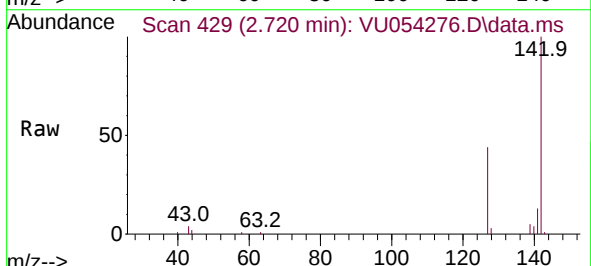
Manual Integrations
APPROVED

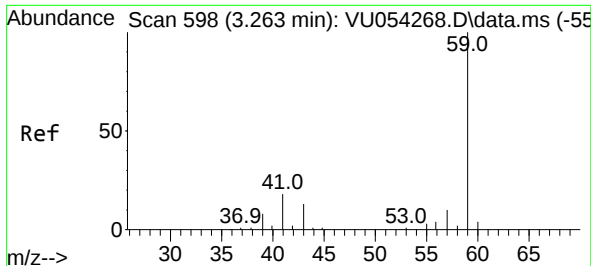
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#10
Methyl Iodide
Concen: 16.838 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:142 Resp: 43744
Ion Ratio Lower Upper
142 100
127 45.7 32.5 48.7
141 14.4 11.4 17.0





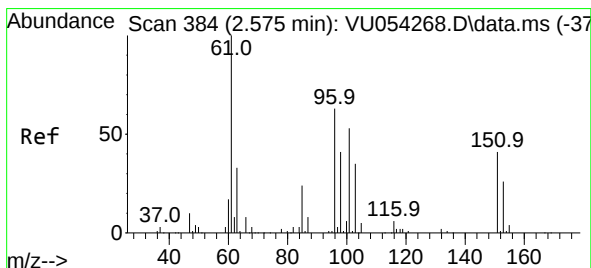
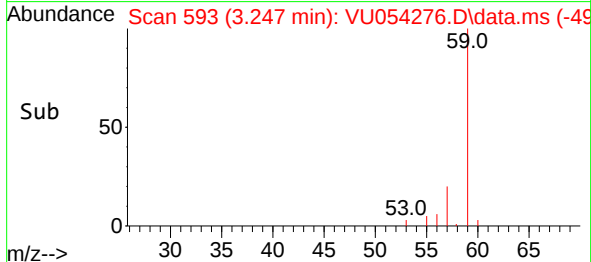
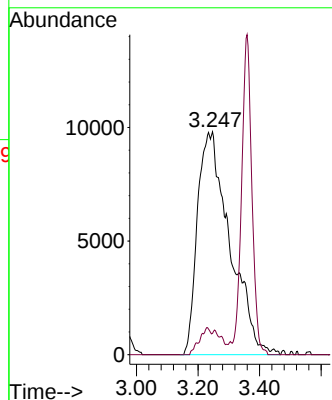
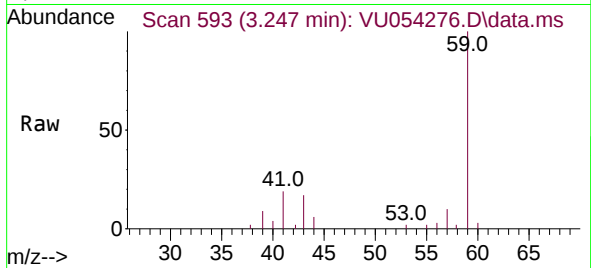
#11
Tert butyl alcohol
Concen: 87.466 ug/l m
RT: 3.247 min Scan# 598
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion: 59 Resp: 71552
Ion Ratio Lower Upper
59 100
57 4.3 30.6 45.8

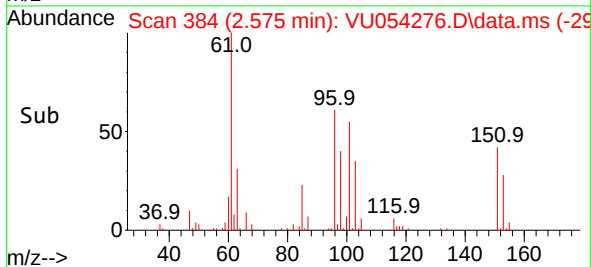
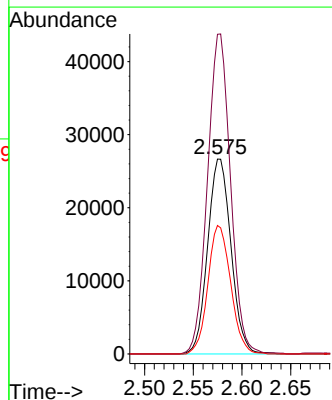
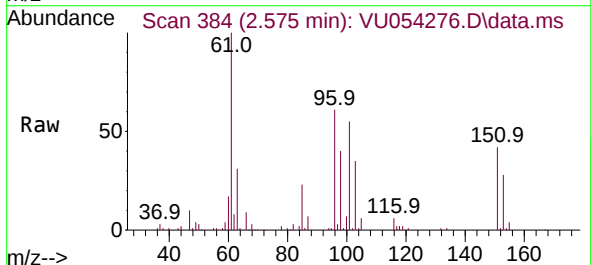
Manual Integrations
APPROVED

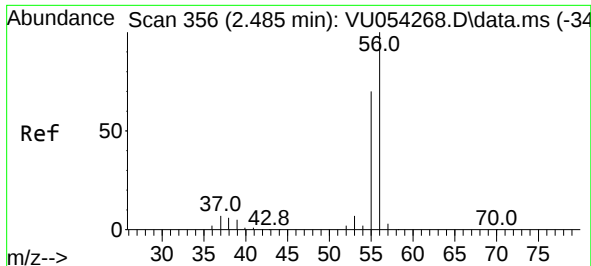
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#12
1,1-Dichloroethene
Concen: 17.911 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 96 Resp: 44508
Ion Ratio Lower Upper
96 100
61 164.1 122.2 183.2
98 65.9 50.7 76.1





#13

Acrolein

Concen: 85.840 ug/l

RT: 2.485 min Scan# 356

Delta R.T. -0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

Tgt Ion: 56 Resp: 73052

Ion Ratio Lower Upper

56 100

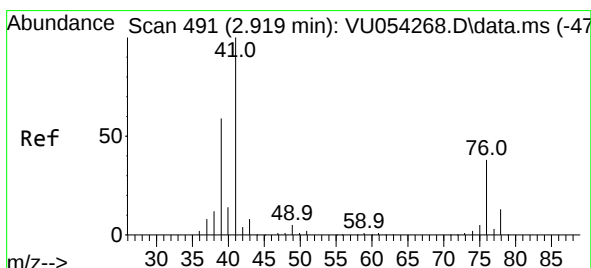
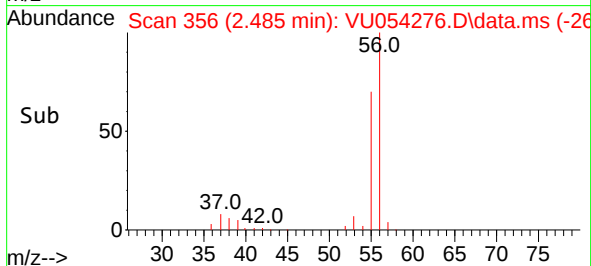
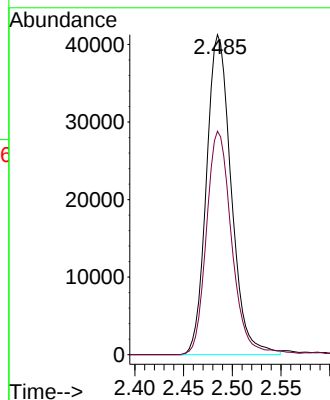
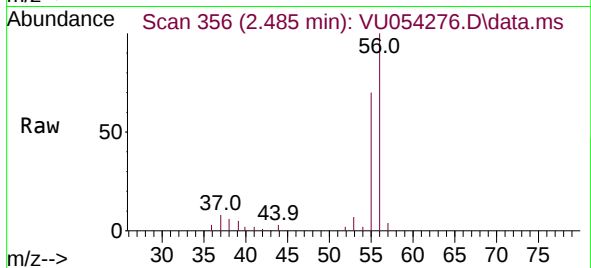
55 71.3 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#14

Allyl chloride

Concen: 17.825 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

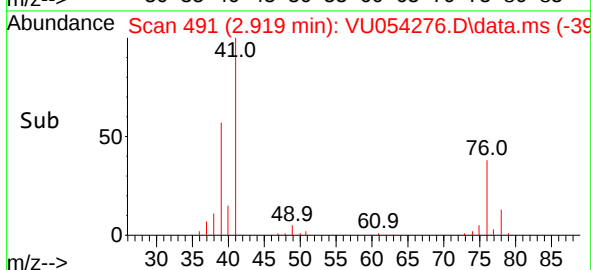
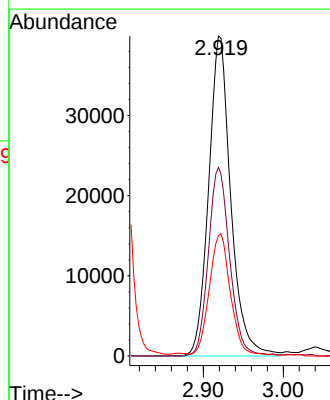
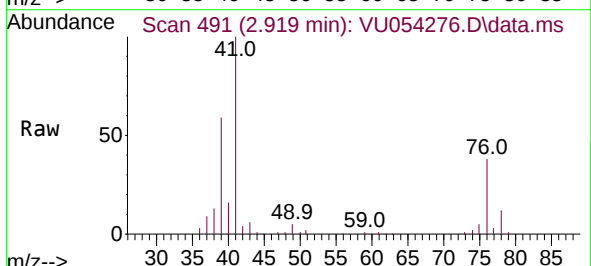
Tgt Ion: 41 Resp: 76801

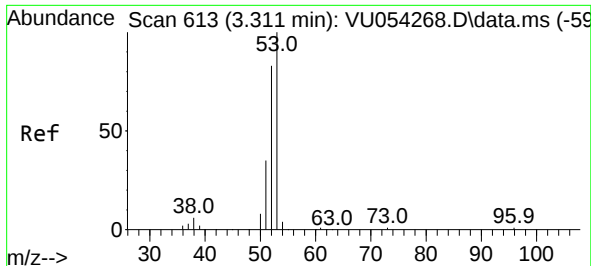
Ion Ratio Lower Upper

41 100

39 56.5 53.4 80.2

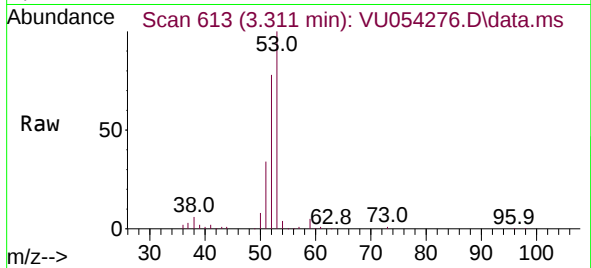
76 35.7 33.8 50.6





#15
Acrylonitrile
Concen: 91.833 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

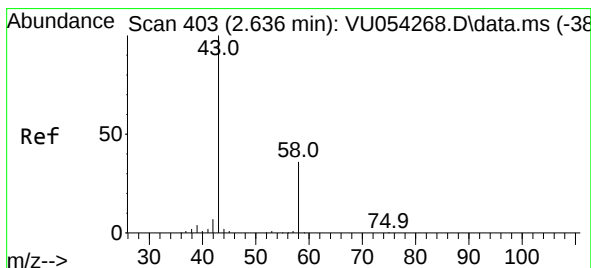
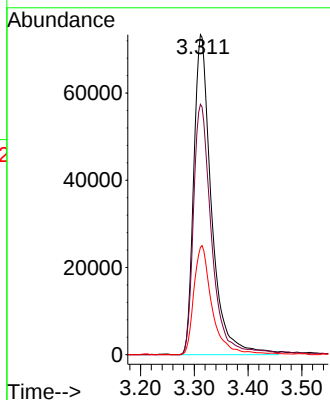
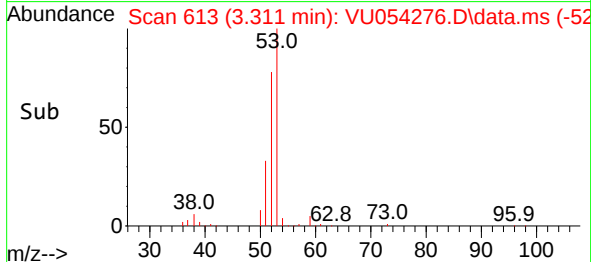
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01



Tgt Ion: 53 Resp: 168434
Ion Ratio Lower Upper
53 100
52 80.0 65.7 98.5
51 34.2 28.2 42.4

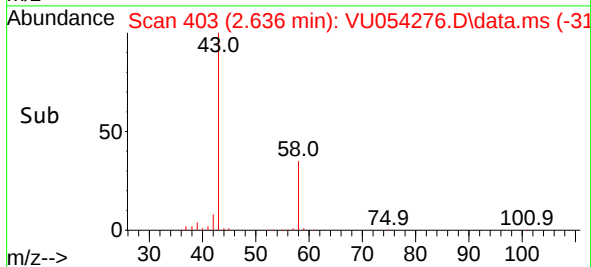
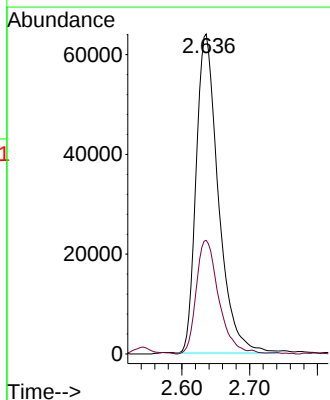
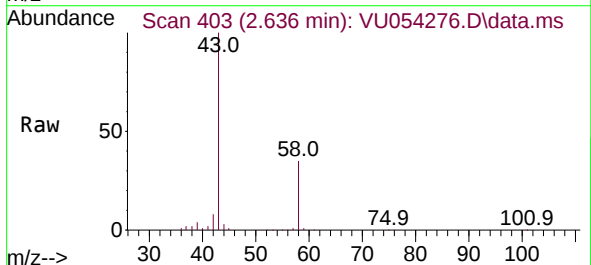
Manual Integrations
APPROVED

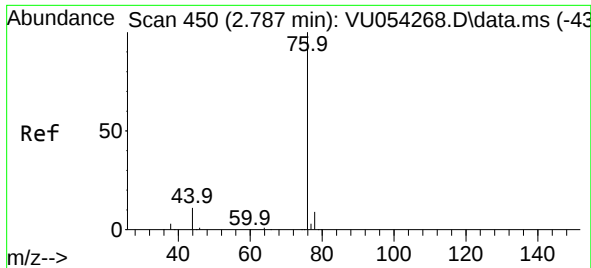
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#16
Acetone
Concen: 83.987 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 43 Resp: 145796
Ion Ratio Lower Upper
43 100
58 35.6 27.5 41.3





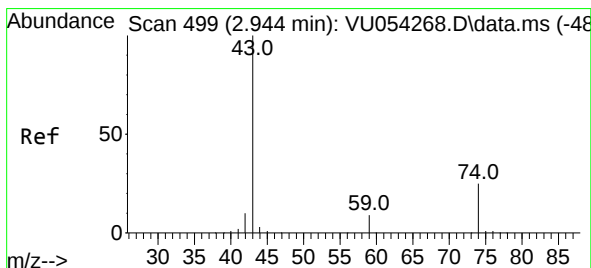
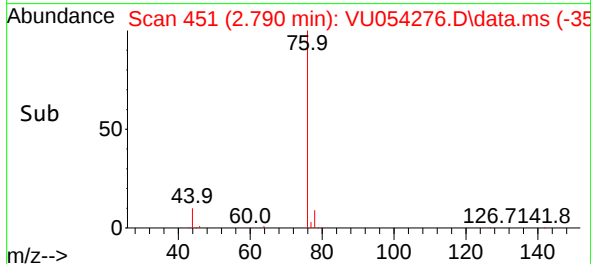
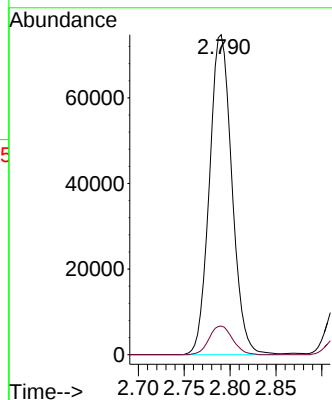
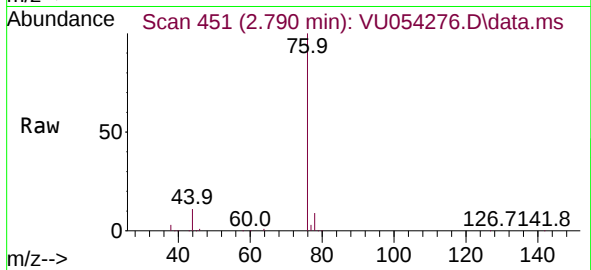
#17
Carbon Disulfide
Concen: 17.371 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion: 76 Resp: 12757
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

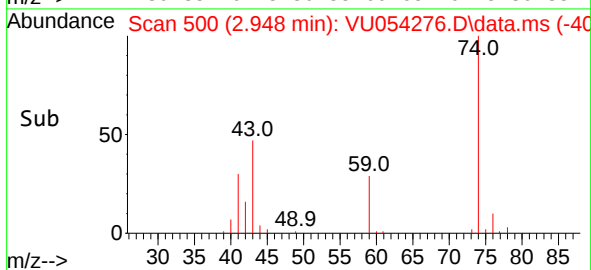
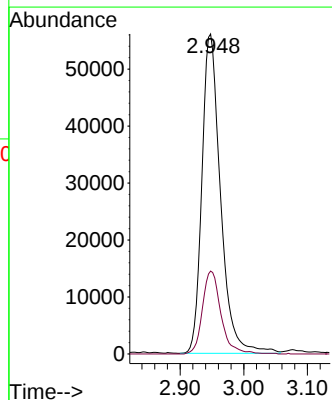
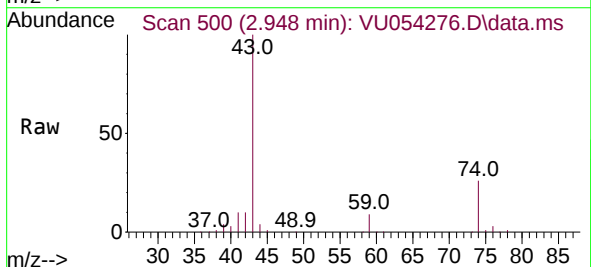
Manual Integrations
APPROVED

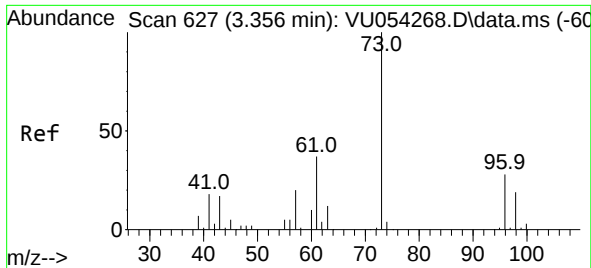
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#18
Methyl Acetate
Concen: 17.978 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 43 Resp: 113951
Ion Ratio Lower Upper
43 100
74 25.8 22.5 33.7





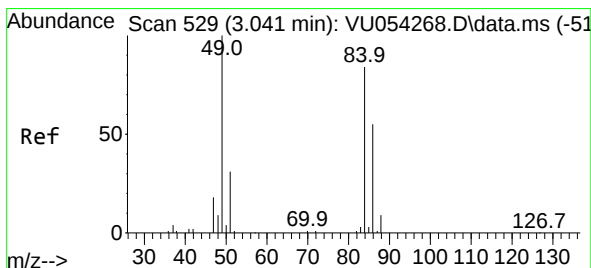
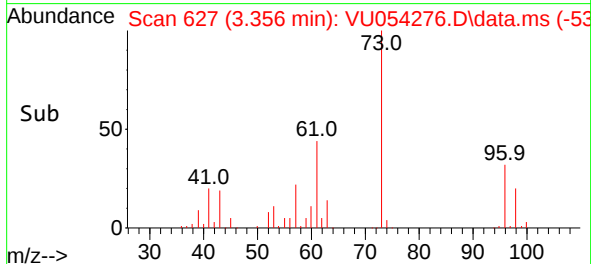
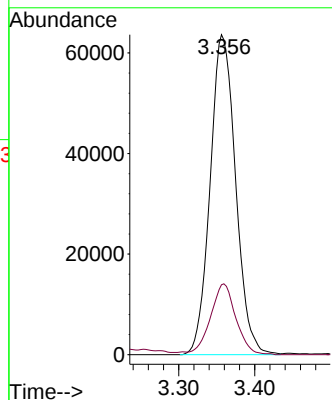
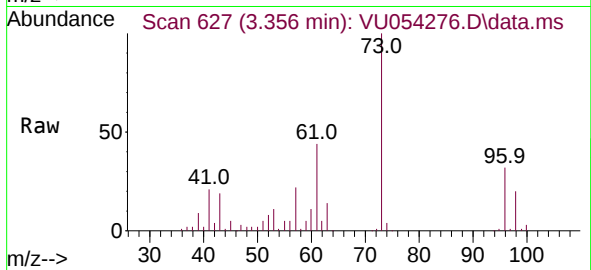
#19
Methyl tert-butyl Ether
Concen: 18.213 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion: 73 Resp: 14814
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7

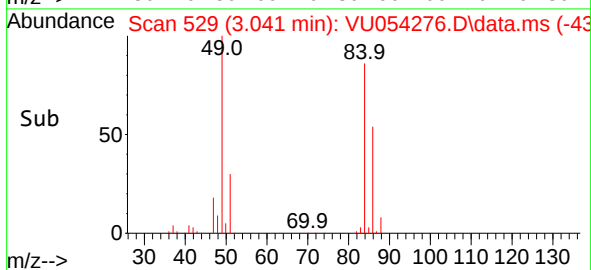
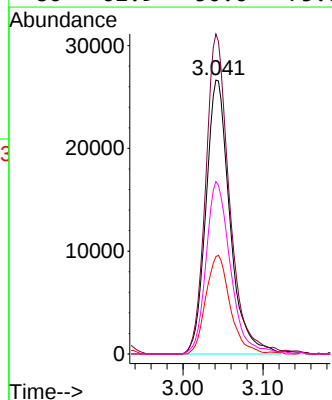
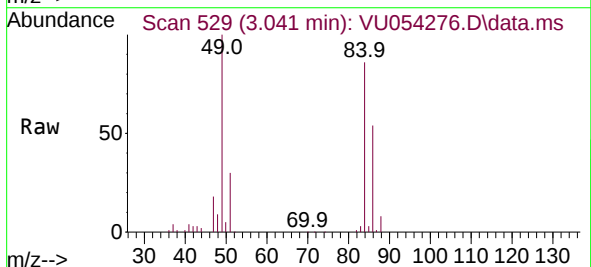
Manual Integrations
APPROVED

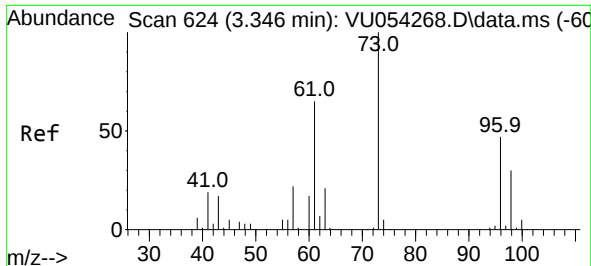
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#20
Methylene Chloride
Concen: 17.757 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

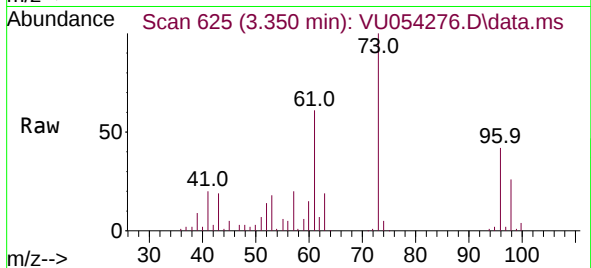
Tgt Ion: 84 Resp: 55611
Ion Ratio Lower Upper
84 100
49 116.8 86.6 129.8
51 35.5 26.6 40.0
86 62.9 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 18.472 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

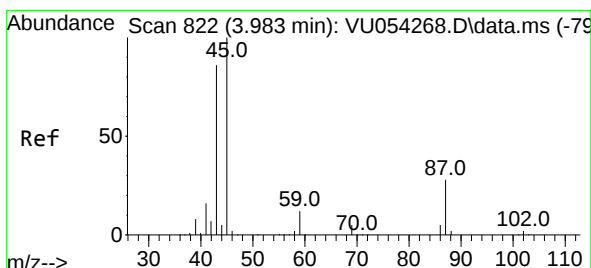
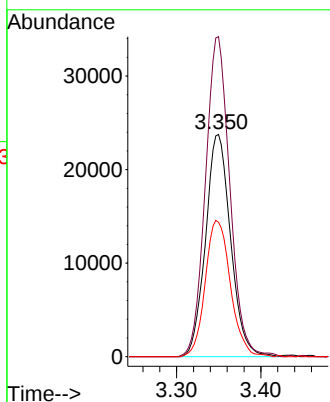
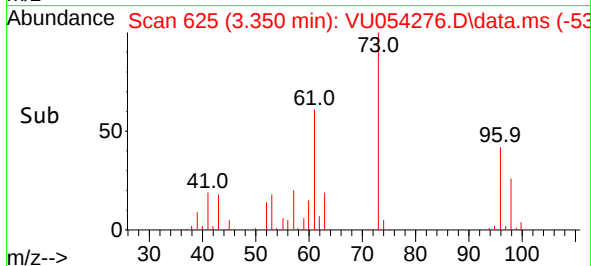
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01



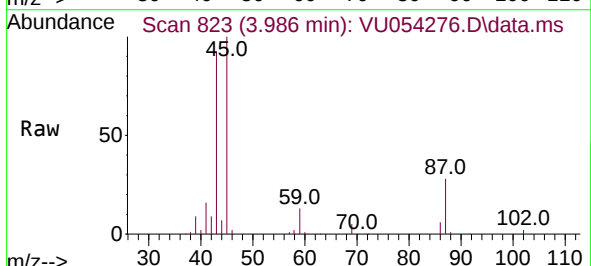
Tgt Ion: 96 Resp: 4914
Ion Ratio Lower Upper
96 100
61 144.0 106.1 159.1
98 60.5 50.8 76.2

Manual Integrations
APPROVED

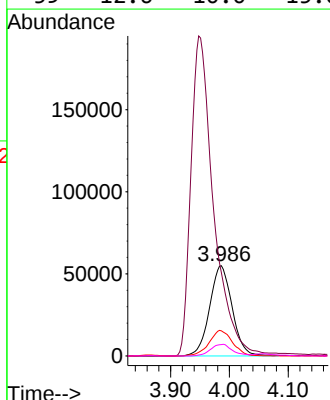
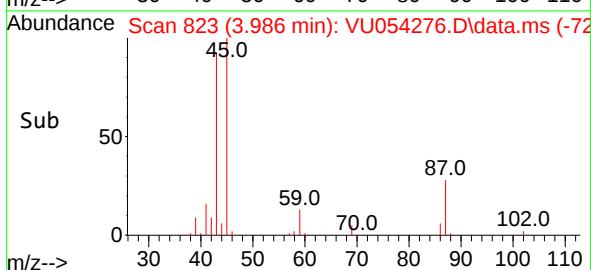
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

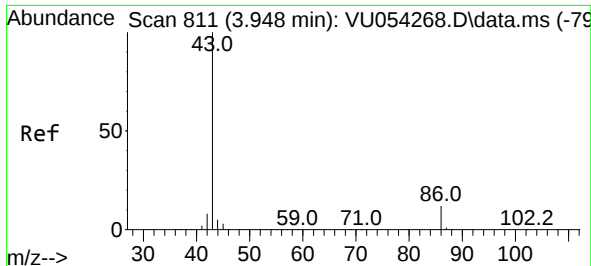


#22
Diisopropyl ether
Concen: 19.186 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29



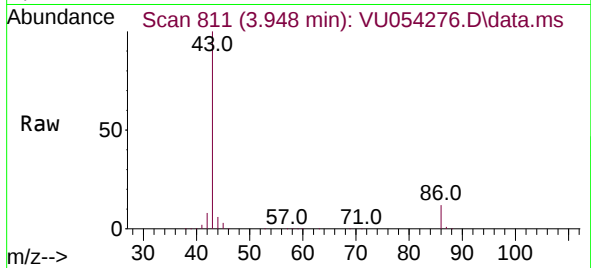
Tgt Ion: 45 Resp: 146518
Ion Ratio Lower Upper
45 100
43 90.8 92.9 139.3#
87 27.9 26.2 39.2
59 12.6 10.0 15.0





#23
 Vinyl Acetate
 Concen: 94.143 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

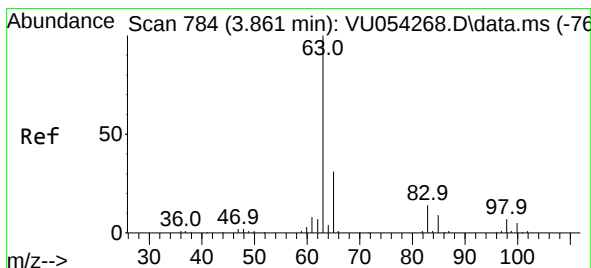
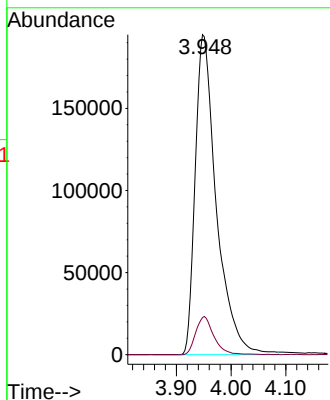
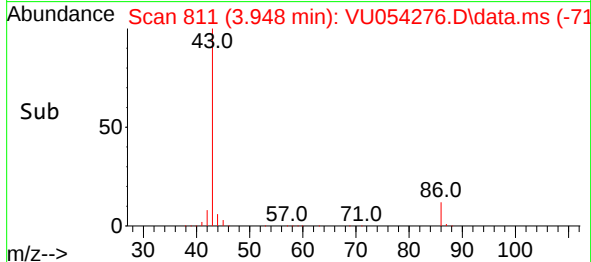
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBS01



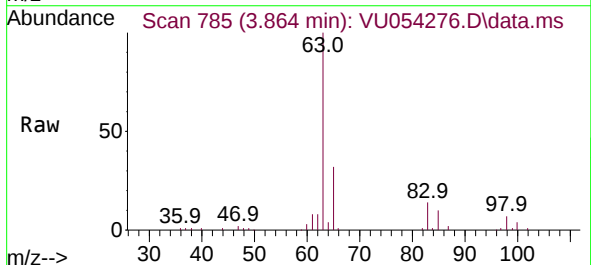
Tgt Ion: 43 Resp: 524600
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.8 14.8

Manual Integrations
 APPROVED

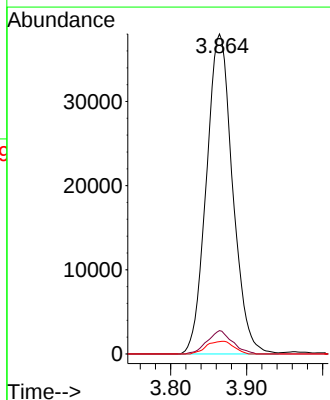
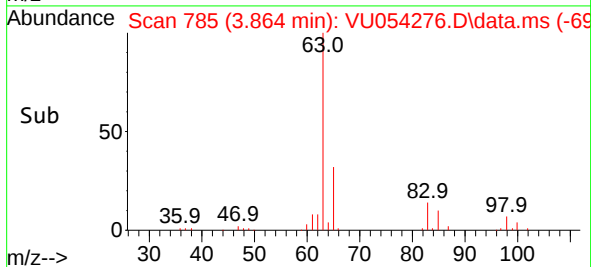
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023

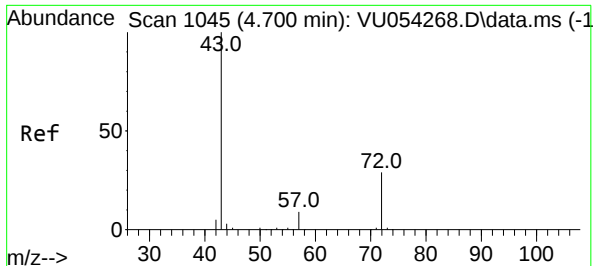


#24
 1,1-Dichloroethane
 Concen: 18.609 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.003 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29



Tgt Ion: 63 Resp: 90999
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 3.8 2.4 7.2





#25

2-Butanone

Concen: 89.697 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

Tgt Ion: 43 Resp: 20615

Ion Ratio Lower Upper

43 100

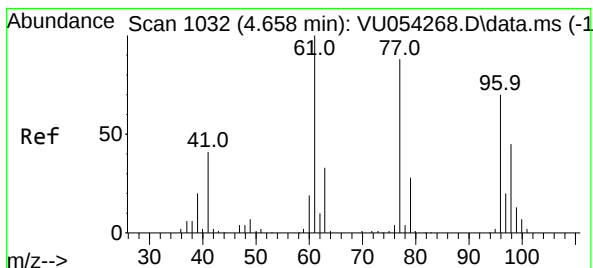
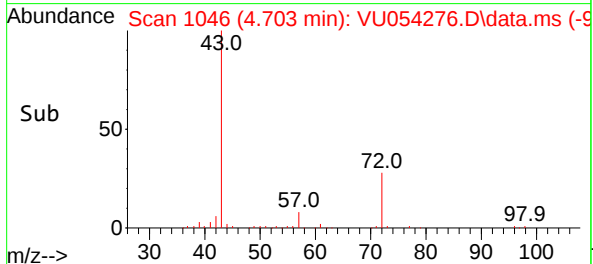
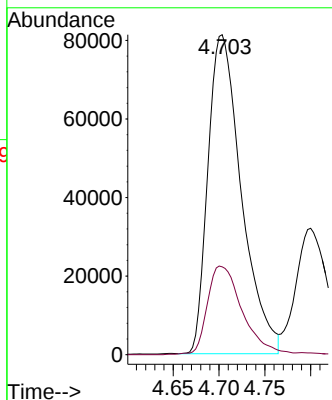
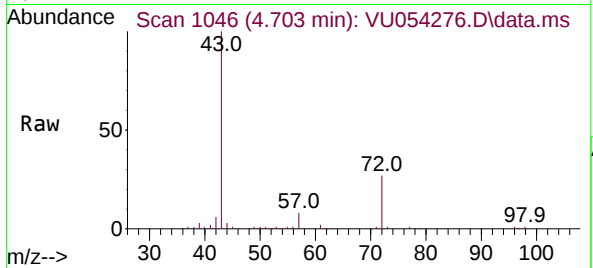
72 27.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#26

2,2-Dichloropropane

Concen: 18.037 ug/l

RT: 4.655 min Scan# 1031

Delta R.T. -0.003 min

Lab File: VU054276.D

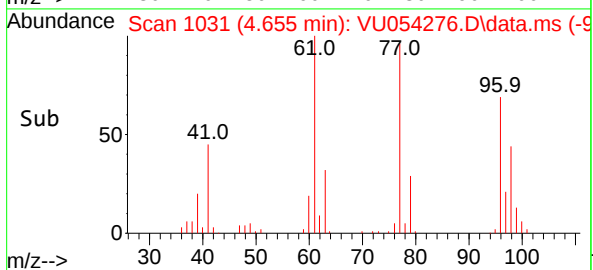
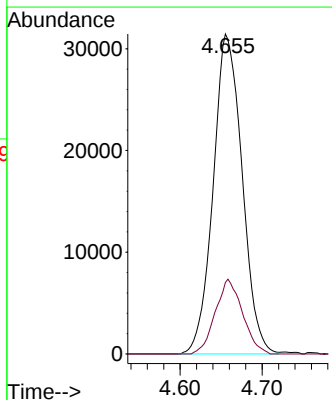
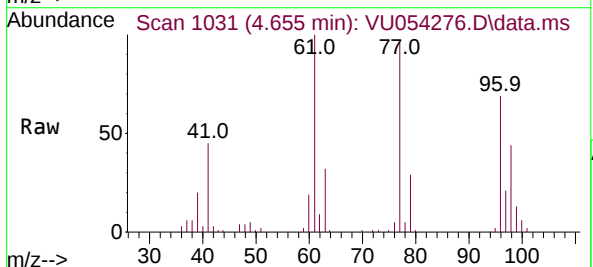
Acq: 26 May 2023 11:29

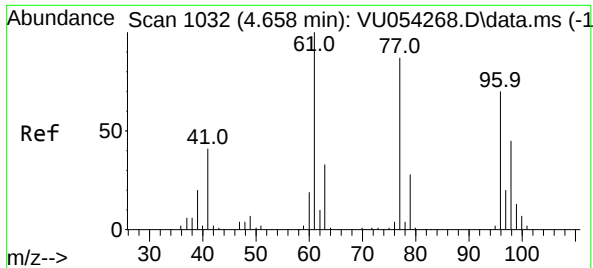
Tgt Ion: 77 Resp: 77080

Ion Ratio Lower Upper

77 100

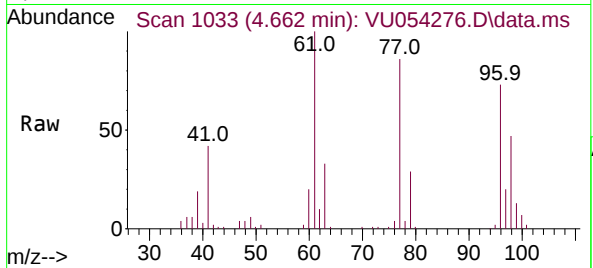
97 22.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.982 ug/l
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.004 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

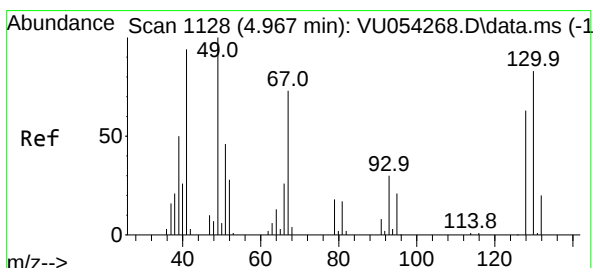
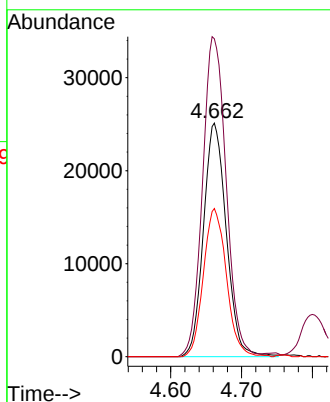
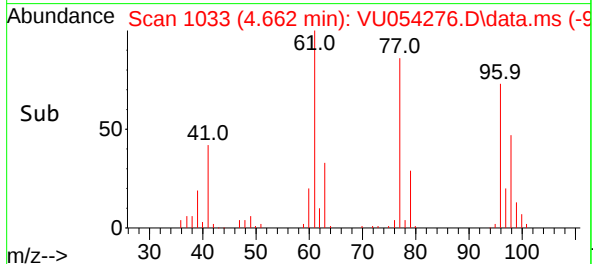
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBS01



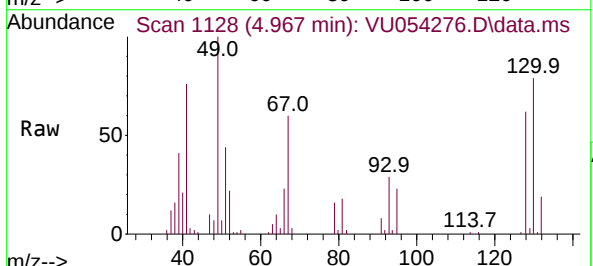
Tgt Ion: 96 Resp: 56179
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 271.6
 98 63.9 0.0 128.2

Manual Integrations
 APPROVED

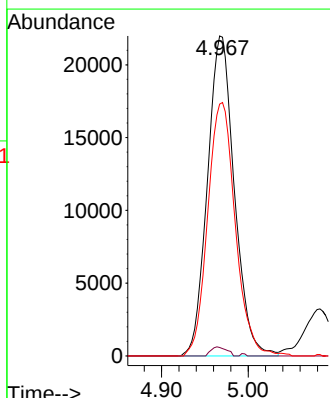
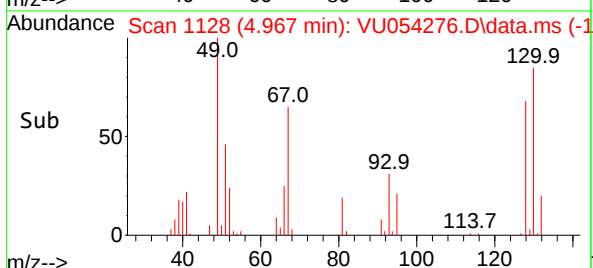
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023

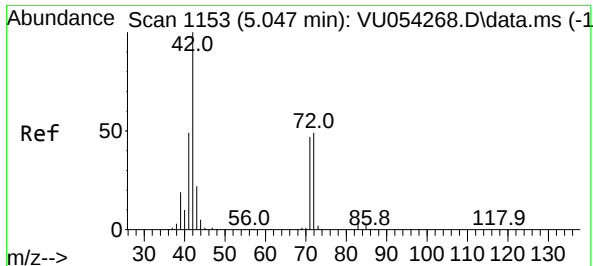


#28
 Bromochloromethane
 Concen: 20.994 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29



Tgt Ion: 49 Resp: 47505
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 81.1 76.9 115.3





#29

Tetrahydrofuran

Concen: 90.933 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.004 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

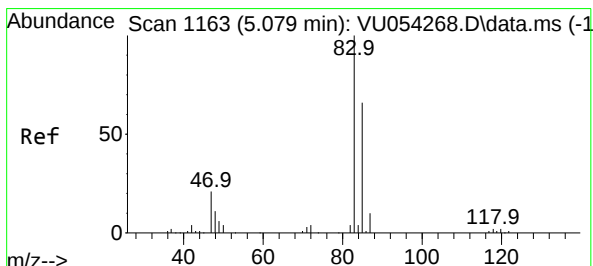
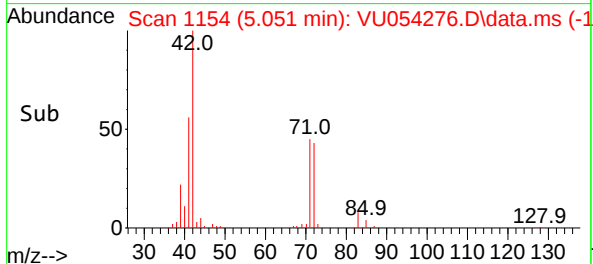
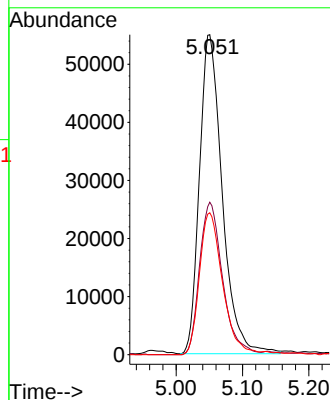
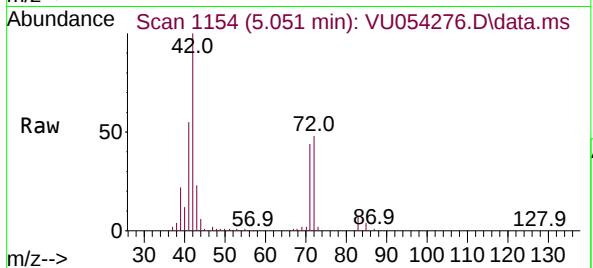
Tgt Ion:	42	Resp:	131372
Ion Ratio	Lower	Upper	
42	100		
72	48.1	42.6	63.8
71	44.9	40.3	60.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#30

Chloroform

Concen: 18.679 ug/l

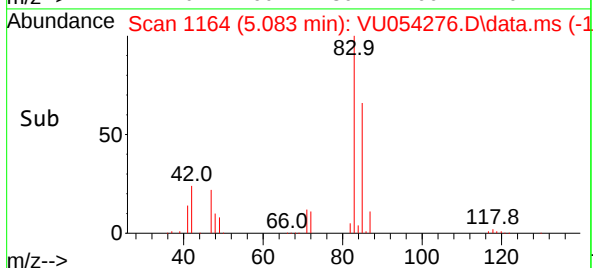
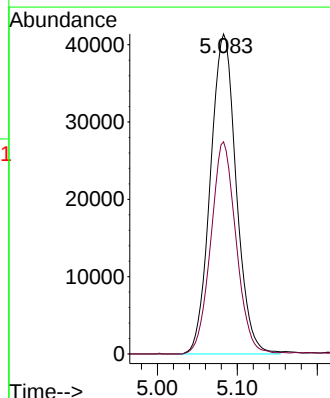
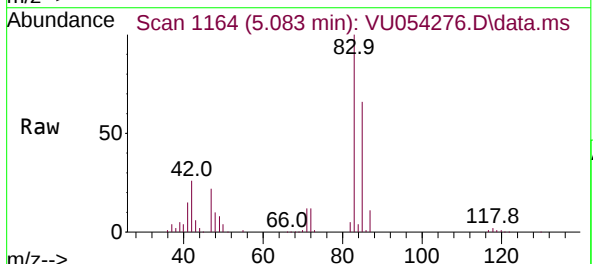
RT: 5.083 min Scan# 1164

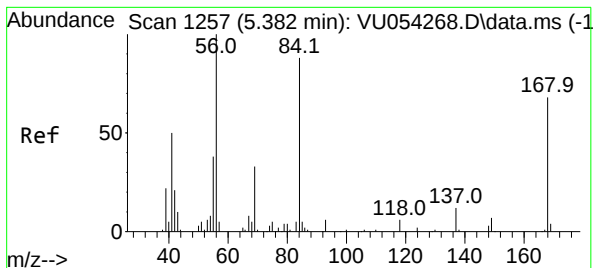
Delta R.T. 0.004 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Tgt Ion:	83	Resp:	92847
Ion Ratio	Lower	Upper	
83	100		
85	66.3	51.2	76.8





#31

Cyclohexane

Concen: 19.058 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

Tgt Ion: 56 Resp: 81498

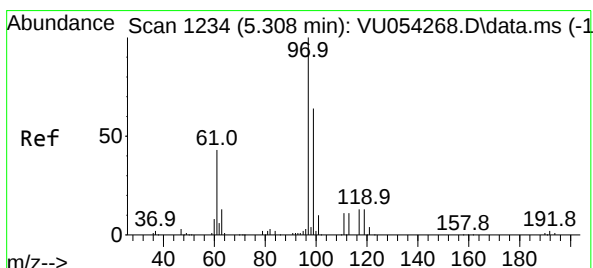
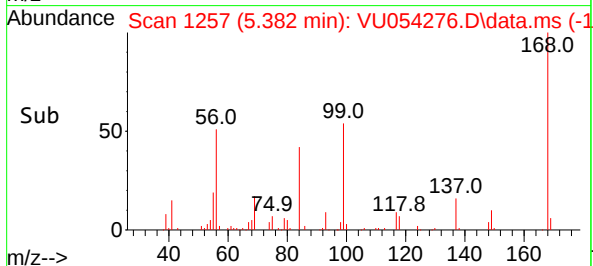
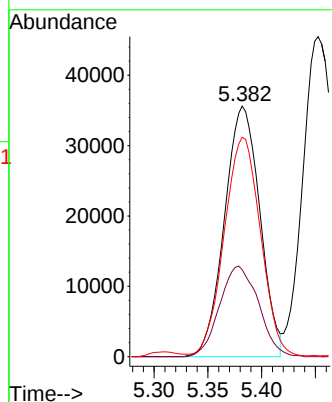
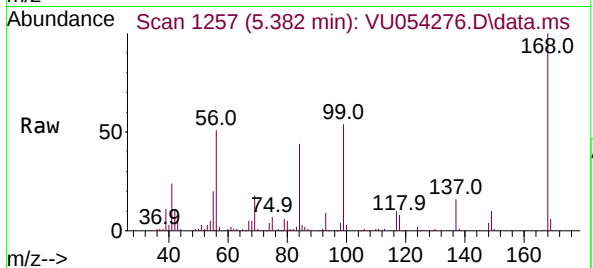
Ion	Ratio	Lower	Upper
56	100		
69	34.7	27.8	41.8
84	86.5	74.2	111.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#32

1,1,1-Trichloroethane

Concen: 18.392 ug/l

RT: 5.311 min Scan# 1235

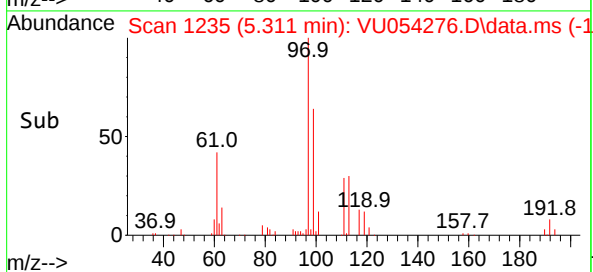
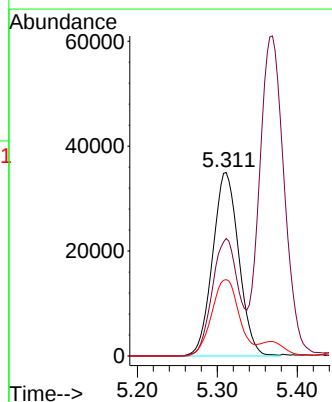
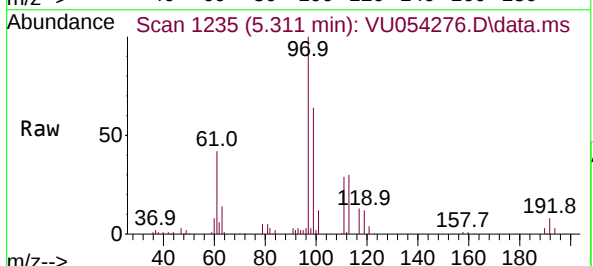
Delta R.T. 0.003 min

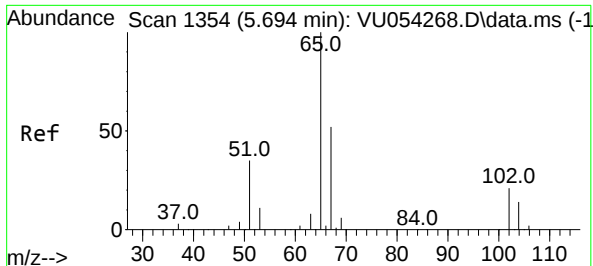
Lab File: VU054276.D

Acq: 26 May 2023 11:29

Tgt Ion: 97 Resp: 79371

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	43.6	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 52.156 ug/l

RT: 5.697 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

Tgt Ion: 65 Resp: 157954

Ion Ratio Lower Upper

65 100

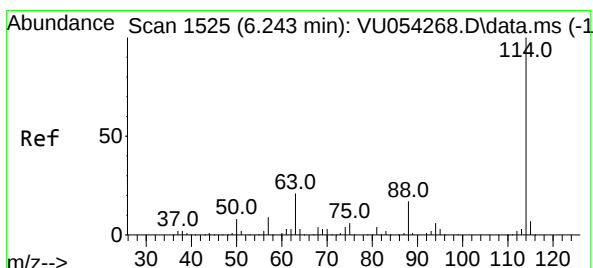
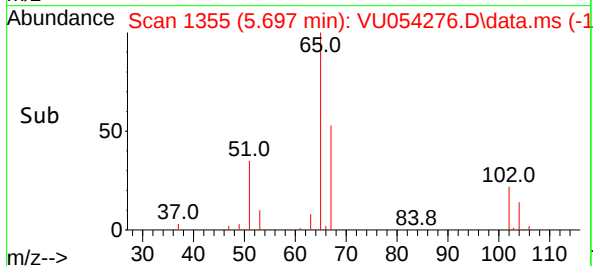
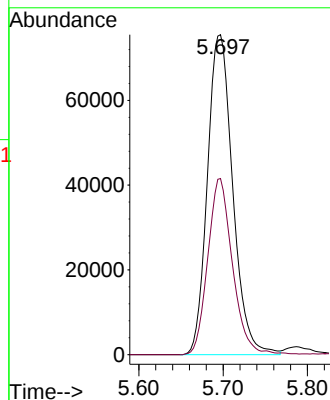
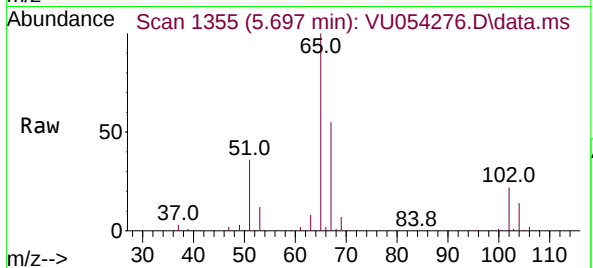
67 53.4 0.0 108.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

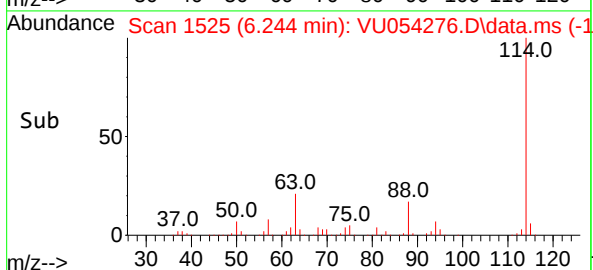
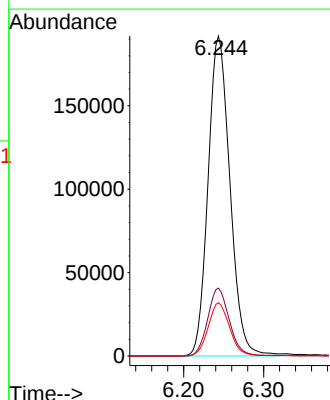
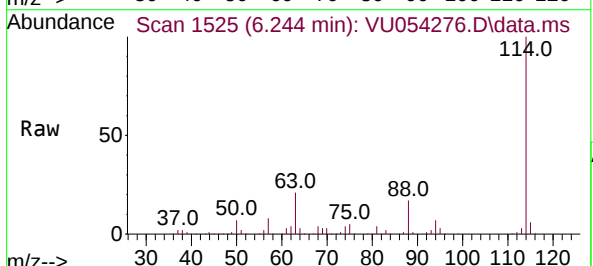
Tgt Ion:114 Resp: 364648

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 16.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.670 ug/l

RT: 5.282 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

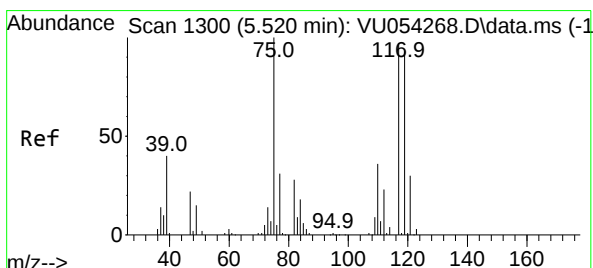
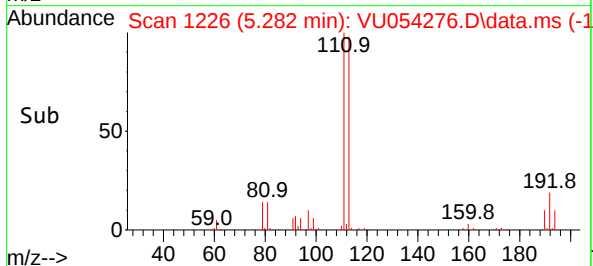
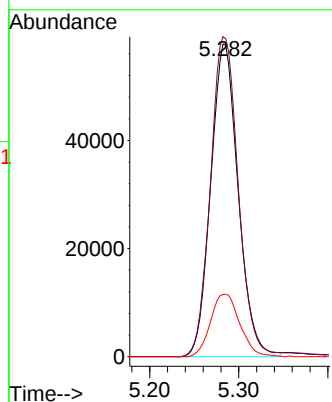
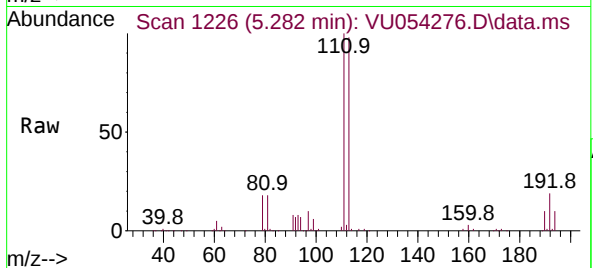
Tgt Ion:	113	Resp:	12368
Ion Ratio	Lower	Upper	
113	100		
111	103.4	82.1	123.1
192	21.3	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#36

1,1-Dichloropropene

Concen: 17.602 ug/l

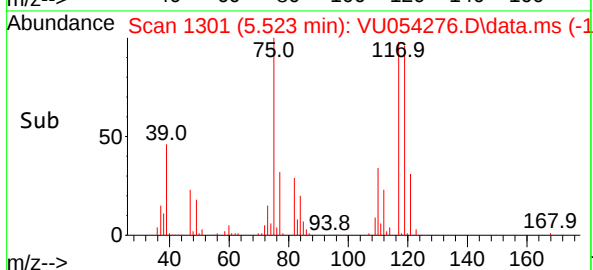
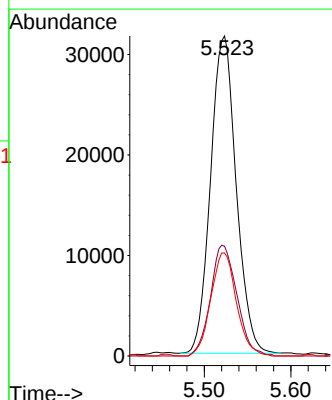
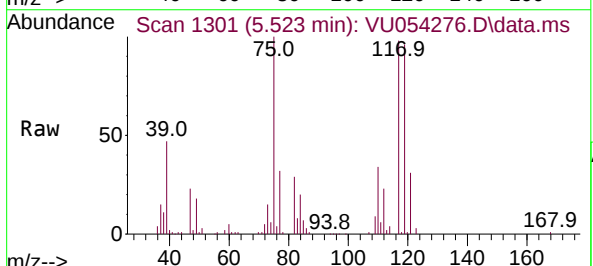
RT: 5.523 min Scan# 1301

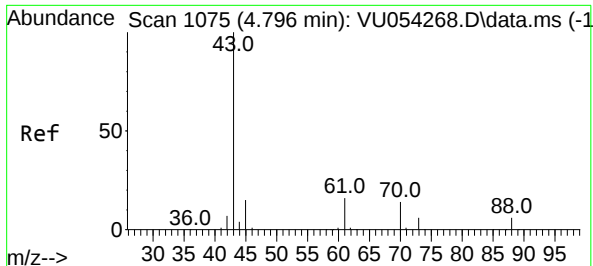
Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Tgt Ion:	75	Resp:	64921
Ion Ratio	Lower	Upper	
75	100		
110	35.9	18.4	55.2
77	32.6	25.1	37.7





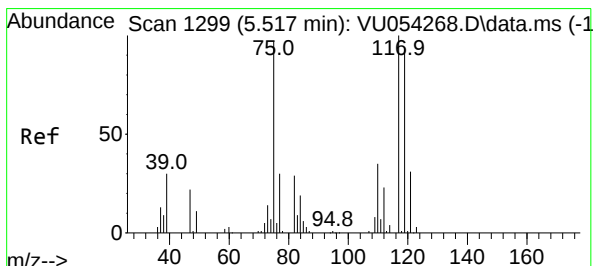
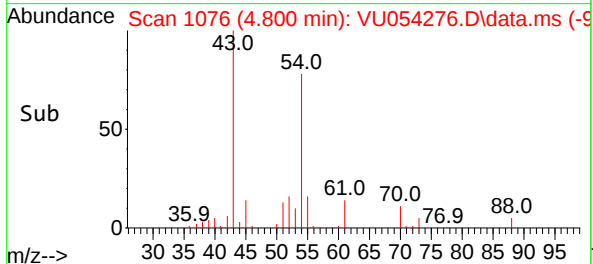
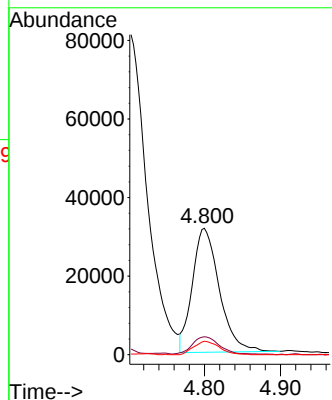
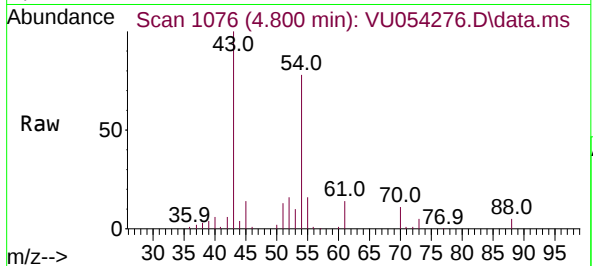
#37
Ethyl Acetate
Concen: 17.303 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion: 43	Resp: 7777
Ion Ratio	Lower Upper
43	100
61	13.7 9.5 14.3
70	10.3 7.5 11.3

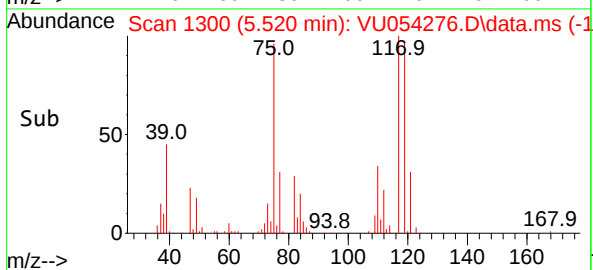
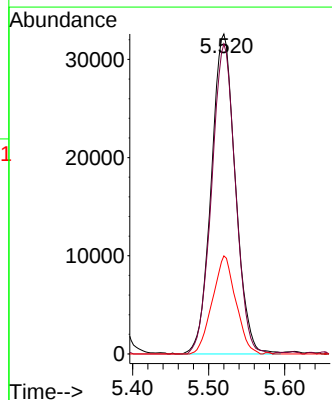
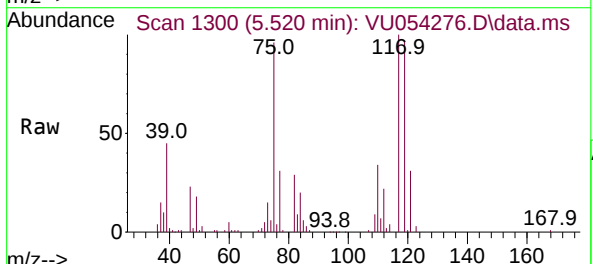
Manual Integrations
APPROVED

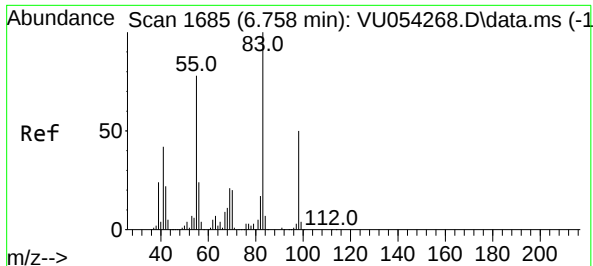
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#38
Carbon Tetrachloride
Concen: 19.019 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:117	Resp: 71798
Ion Ratio	Lower Upper
117	100
119	96.8 76.8 115.2
121	30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 18.618 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

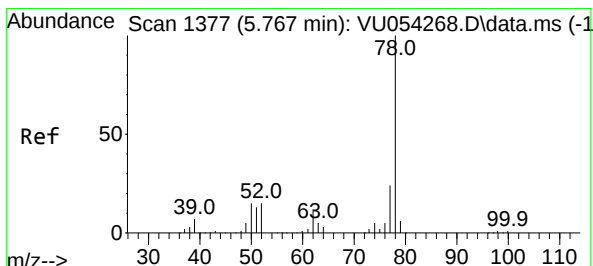
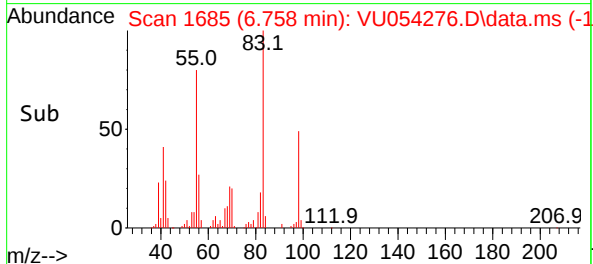
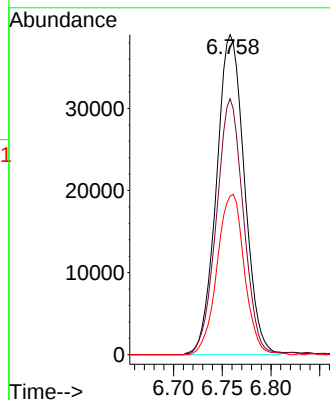
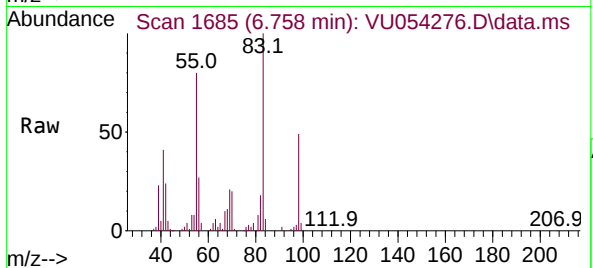
Tgt Ion: 83	Resp: 77778
Ion Ratio	Lower Upper
83 100	
55 79.9	55.3 82.9
98 49.5	37.3 55.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#40

Benzene

Concen: 19.156 ug/l

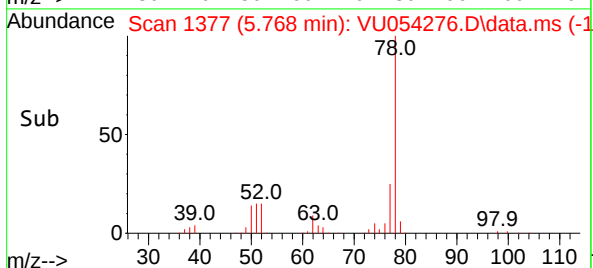
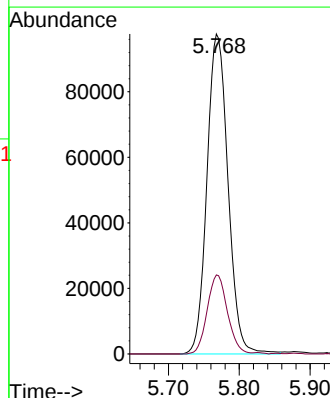
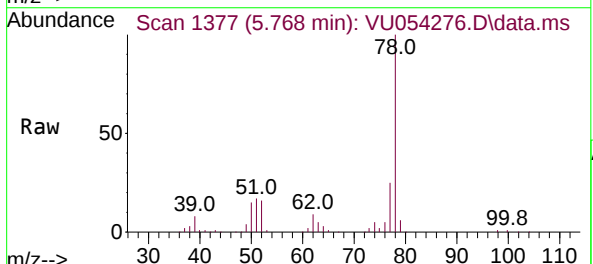
RT: 5.768 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

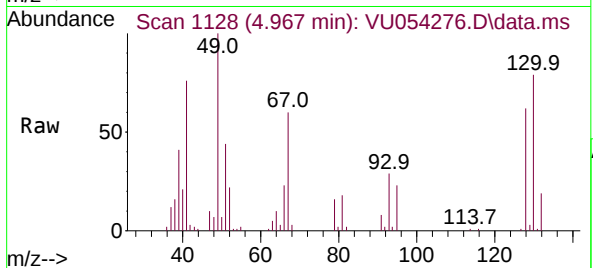
Tgt Ion: 78	Resp: 201527
Ion Ratio	Lower Upper
78 100	
77 24.7	18.8 28.2





#41
Methacrylonitrile
Concen: 18.521 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

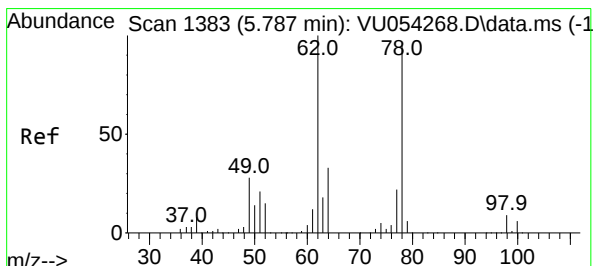
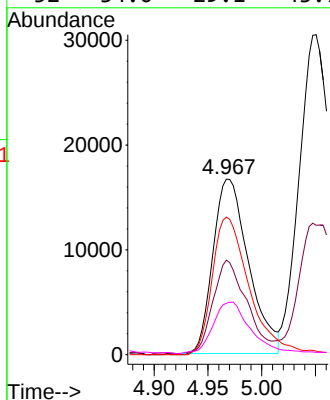
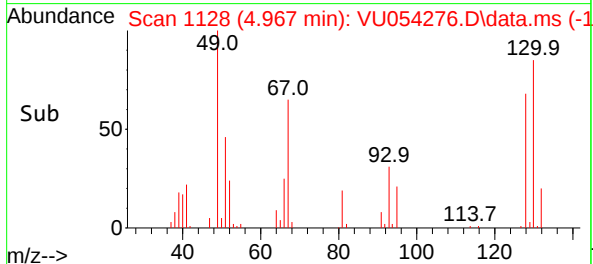
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01



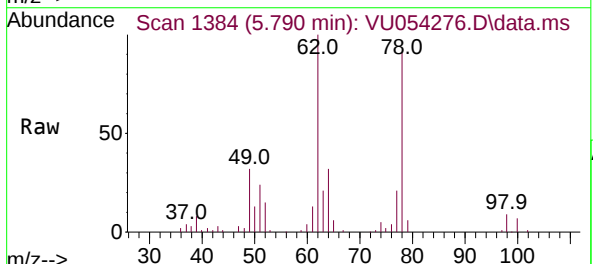
Tgt Ion: 41 Resp: 3847
Ion Ratio Lower Upper
41 100
39 51.3 43.1 64.7
67 82.4 72.3 108.5
52 34.0 29.1 43.7

Manual Integrations
APPROVED

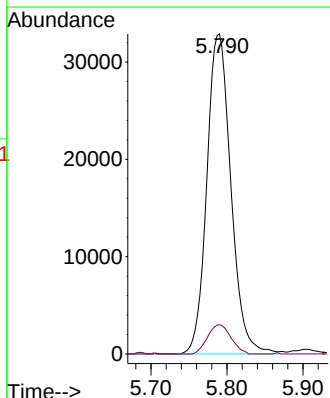
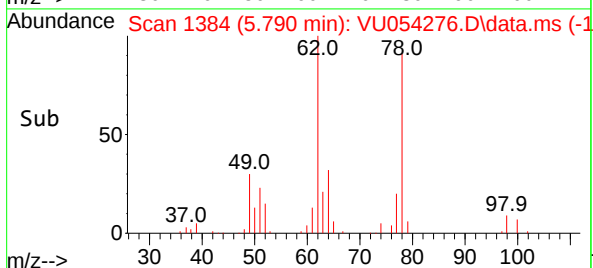
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#42
1,2-Dichloroethane
Concen: 18.928 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29



Tgt Ion: 62 Resp: 72339
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.6





#43

Isopropyl Acetate

Concen: 17.734 ug/l

RT: 5.906 min Scan# 1419

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

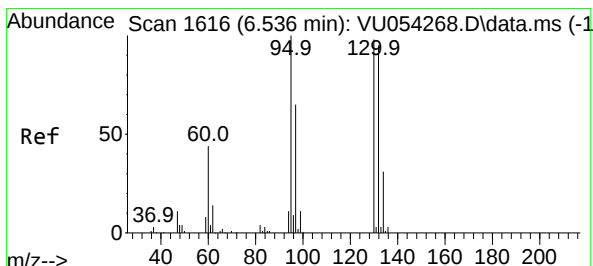
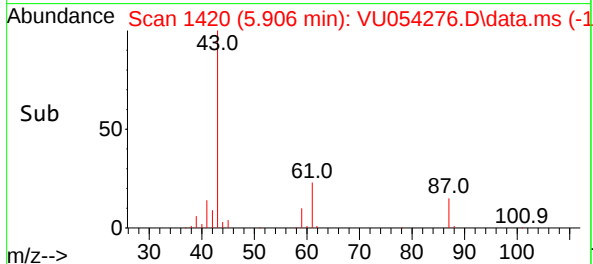
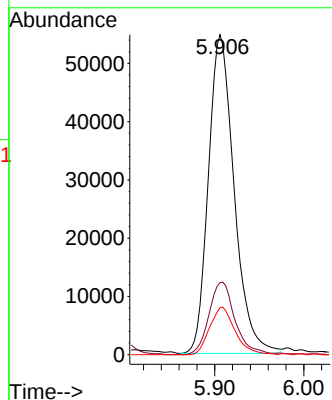
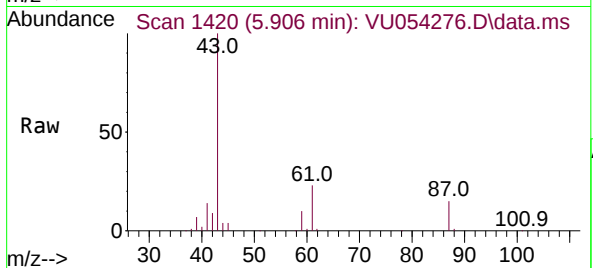
Tgt Ion: 43	Resp: 10995
Ion Ratio	Lower Upper
43	100
61	23.0 17.4 26.0
87	14.6 12.6 18.8

Manual Integrations

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Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#44

Trichloroethene

Concen: 18.622 ug/l

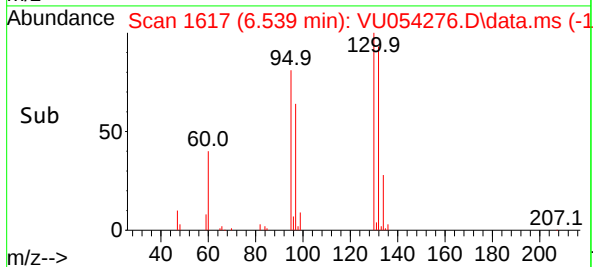
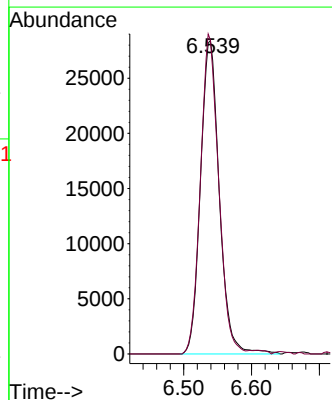
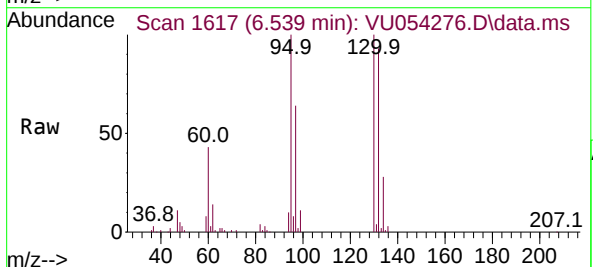
RT: 6.539 min Scan# 1617

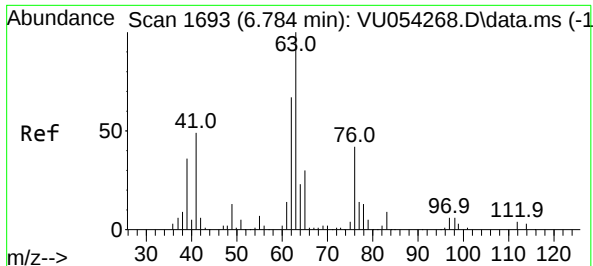
Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Tgt Ion:130	Resp: 54764
Ion Ratio	Lower Upper
130	100
95	100.1 0.0 184.6





#45

1,2-Dichloropropane

Concen: 19.095 ug/l

RT: 6.787 min Scan# 1693

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

Tgt Ion: 63 Resp: 5240

Ion Ratio Lower Upper

63 100

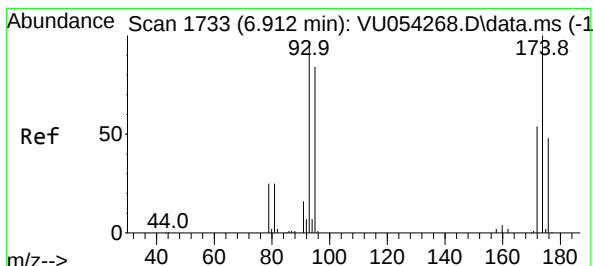
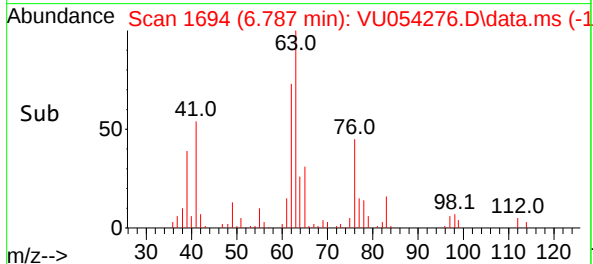
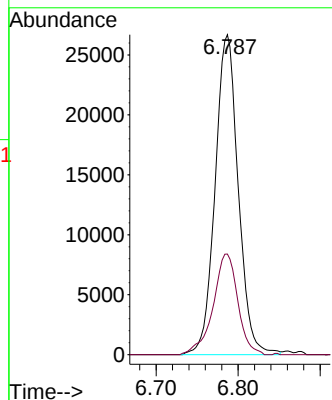
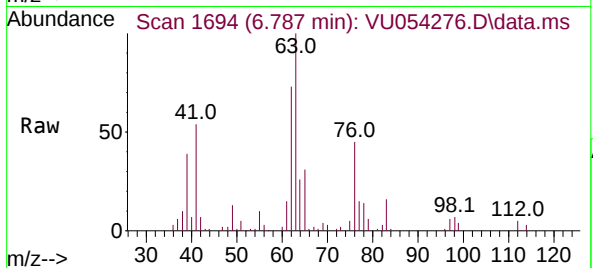
65 31.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#46

Dibromomethane

Concen: 19.148 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

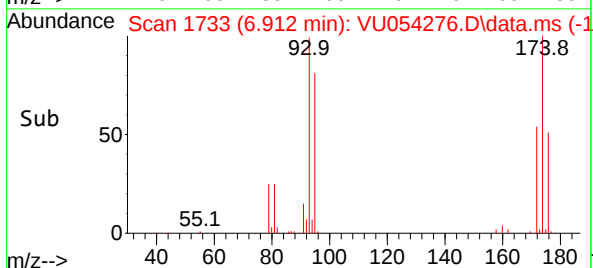
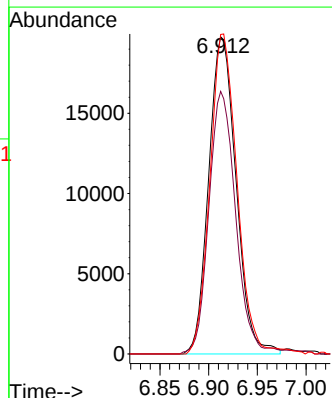
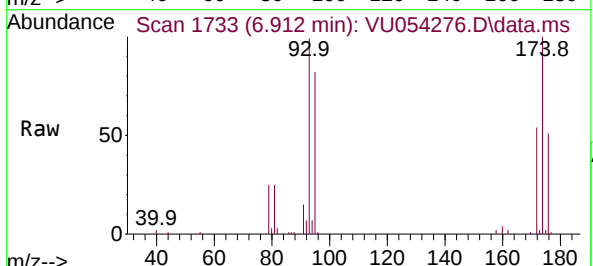
Tgt Ion: 93 Resp: 38683

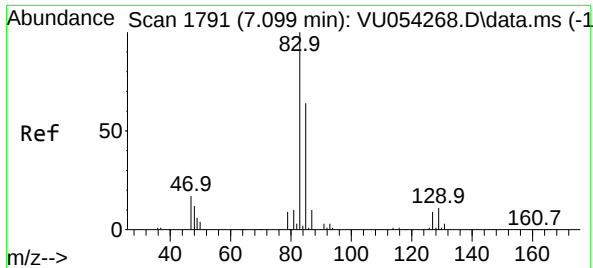
Ion Ratio Lower Upper

93 100

95 81.7 66.3 99.5

174 100.1 88.2 132.4





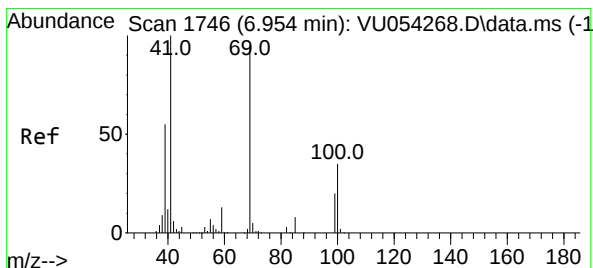
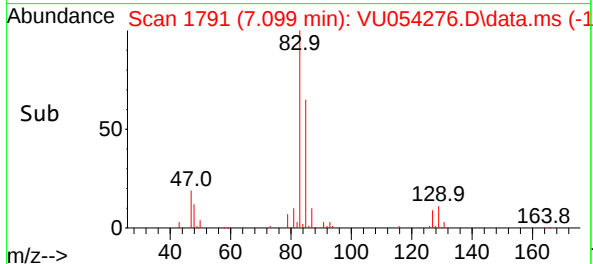
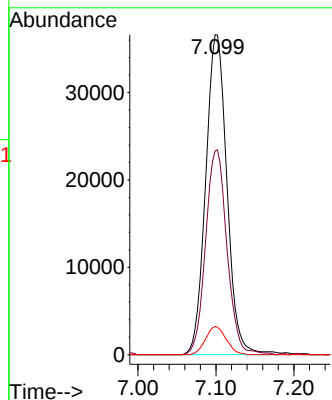
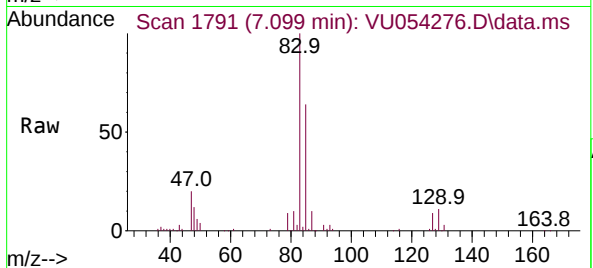
#47
Bromodichloromethane
Concen: 18.367 ug/l
RT: 7.099 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion: 83 Resp: 6939
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.2
127 8.8 7.1 10.7

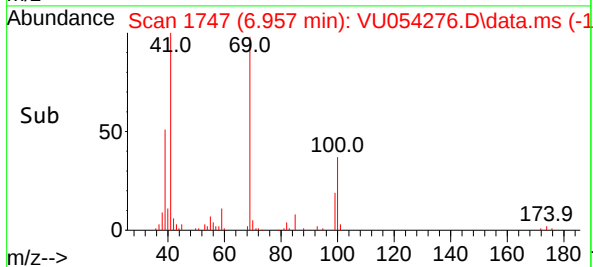
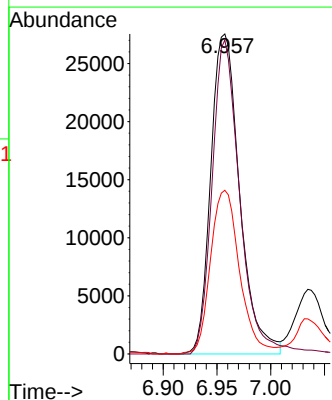
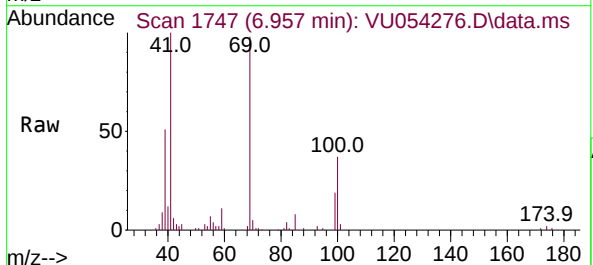
Manual Integrations
APPROVED

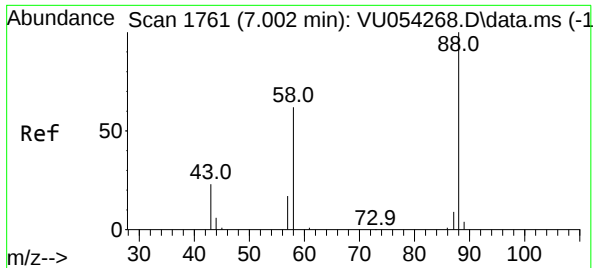
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#48
Methyl methacrylate
Concen: 18.729 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 41 Resp: 51497
Ion Ratio Lower Upper
41 100
69 94.5 79.8 119.6
39 51.5 47.9 71.9





#49

1,4-Dioxane

Concen: 359.614 ug/l

RT: 7.009 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

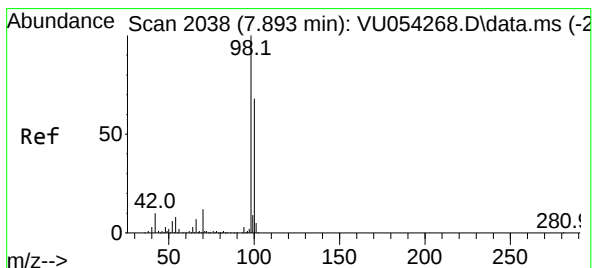
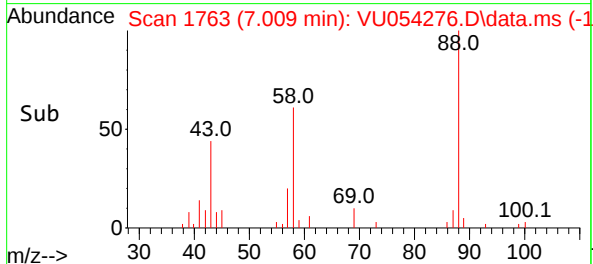
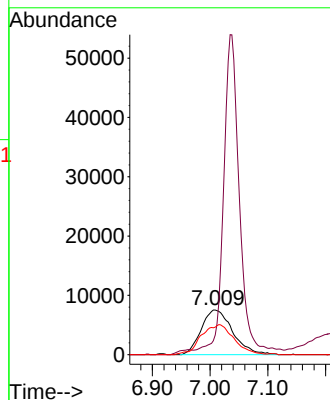
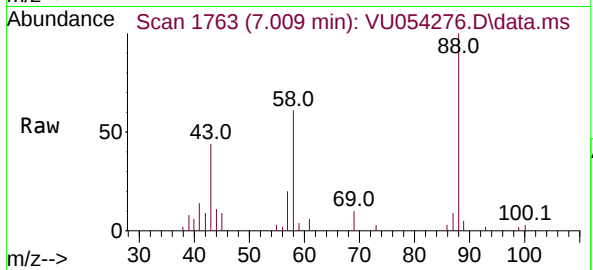
Tgt Ion: 88 Resp: 28540
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 70.0 15.4 23.0

Manual Integrations

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Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#50

Toluene-d8

Concen: 53.859 ug/l

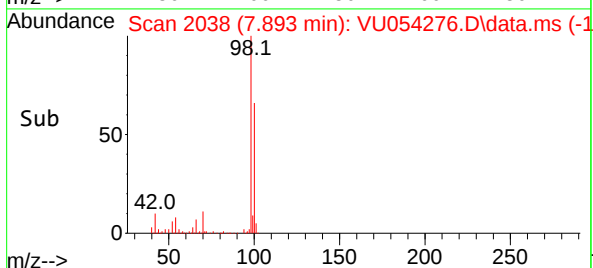
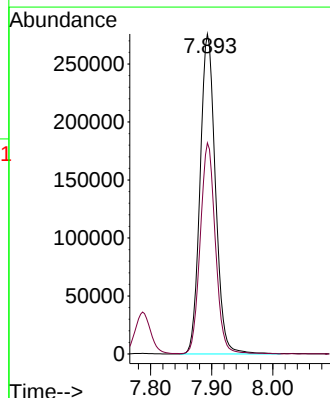
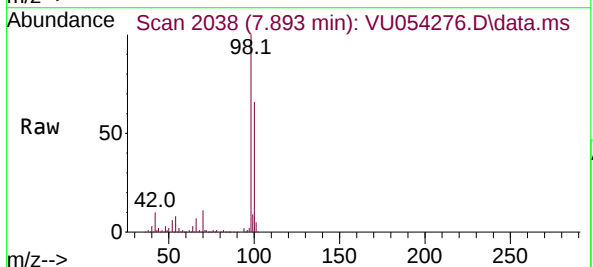
RT: 7.893 min Scan# 2038

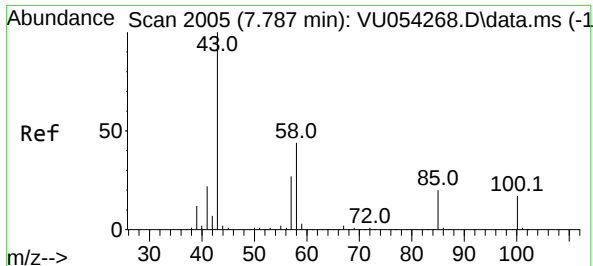
Delta R.T. -0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

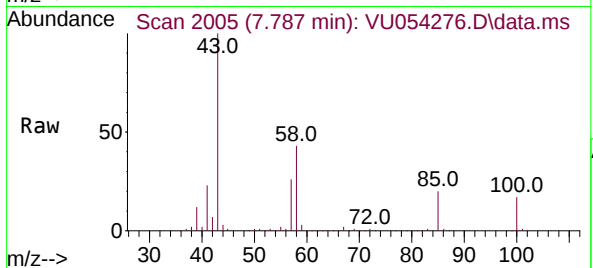
Tgt Ion: 98 Resp: 481071
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 90.948 ug/l
RT: 7.787 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

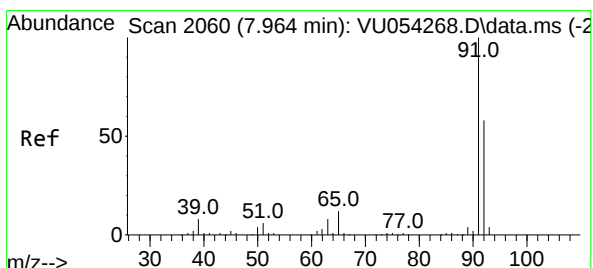
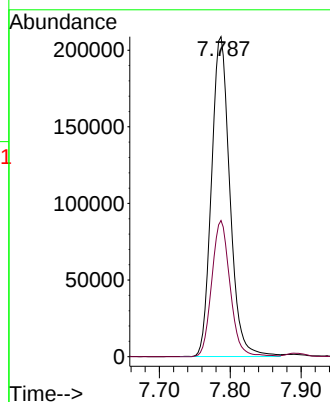
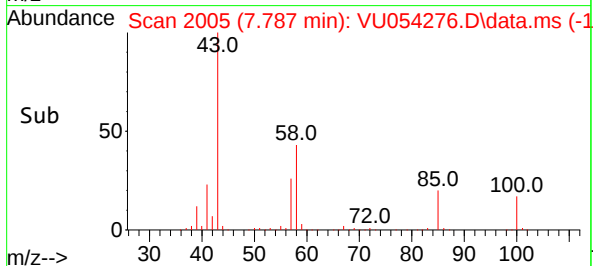
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01



Tgt Ion: 43 Resp: 376309
Ion Ratio Lower Upper
43 100
58 42.5 34.7 52.1

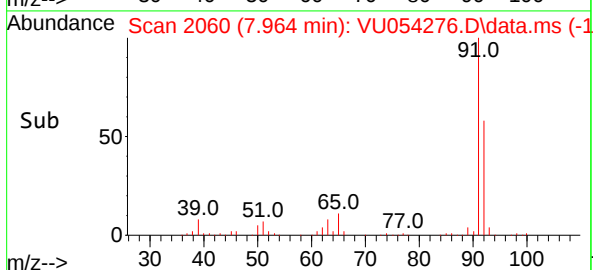
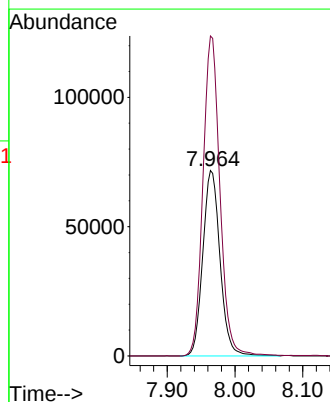
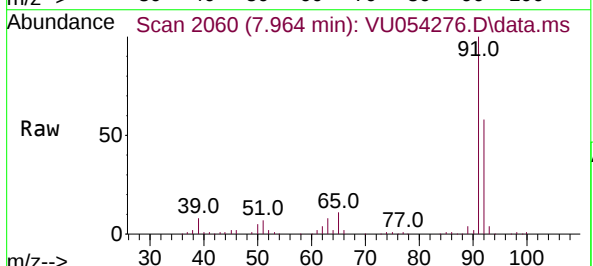
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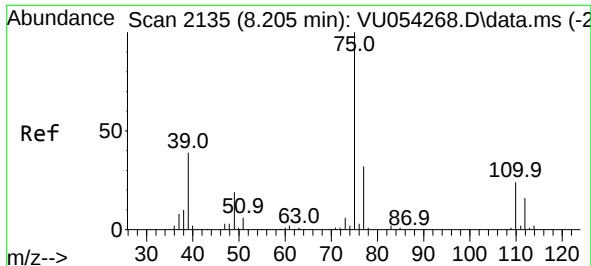
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#52
Toluene
Concen: 18.857 ug/l
RT: 7.964 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 92 Resp: 126499
Ion Ratio Lower Upper
92 100
91 170.0 138.2 207.4





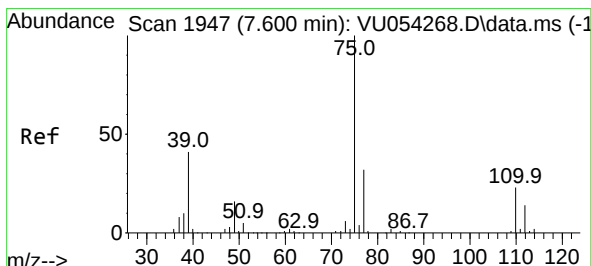
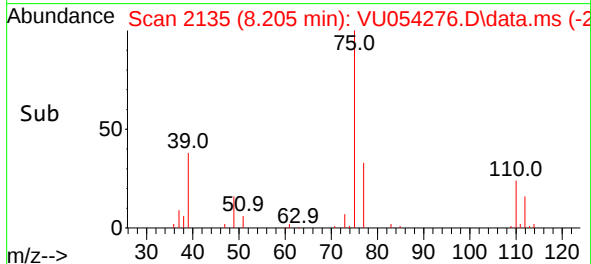
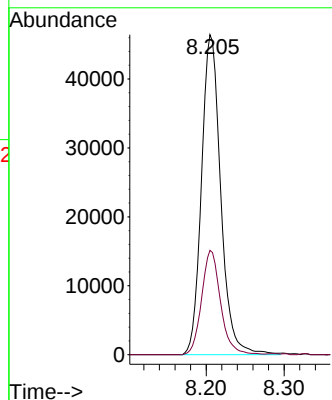
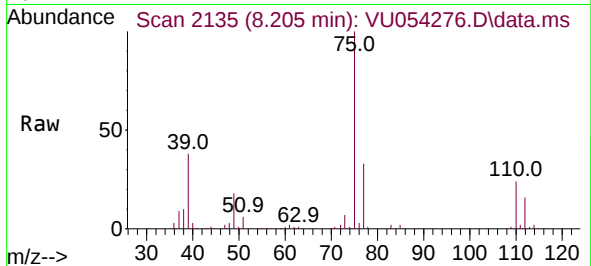
#53
 t-1,3-Dichloropropene
 Concen: 18.423 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBS01

Tgt Ion: 75 Resp: 7963
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0

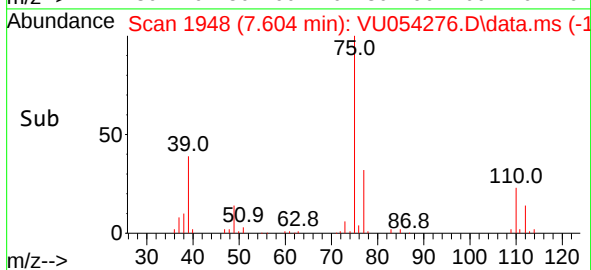
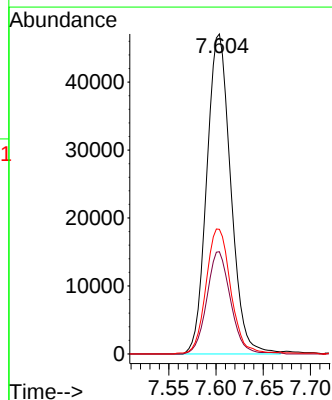
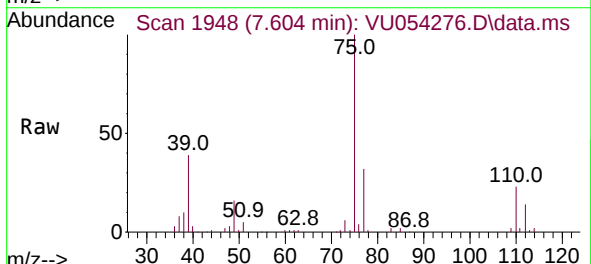
Manual Integrations
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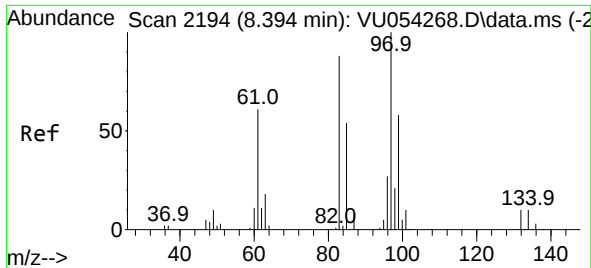
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.400 ug/l
 RT: 7.604 min Scan# 1948
 Delta R.T. 0.004 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

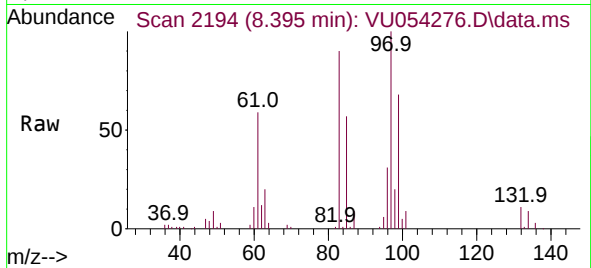
Tgt Ion: 75 Resp: 83000
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5
 39 38.6 33.0 49.6





#55
1,1,2-Trichloroethane
Concen: 18.773 ug/l
RT: 8.395 min Scan# 2194
Delta R.T. 0.001 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

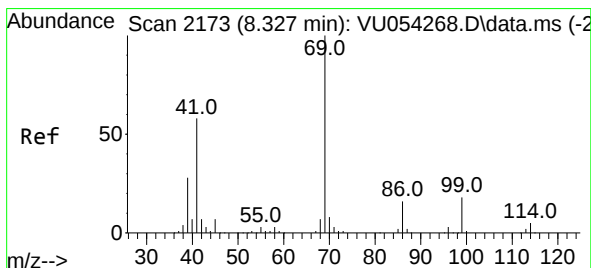
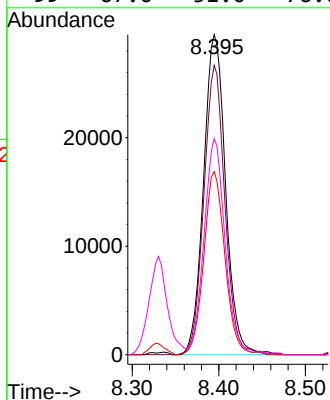
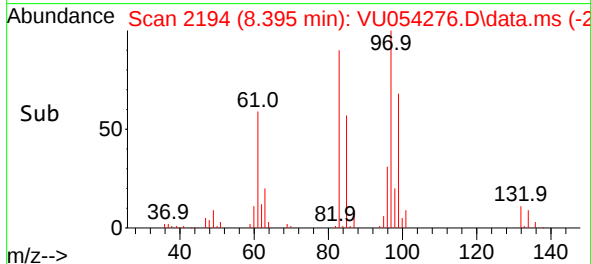
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.2	105.4
85	57.2	44.6	66.8
99	67.0	51.0	76.6

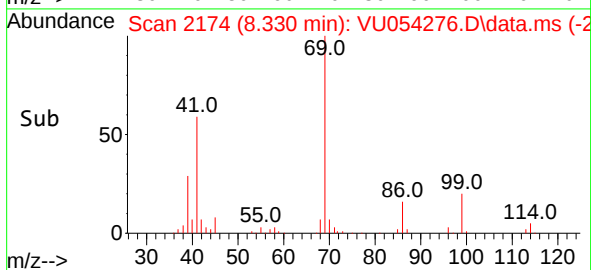
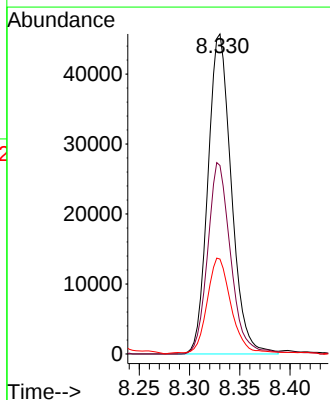
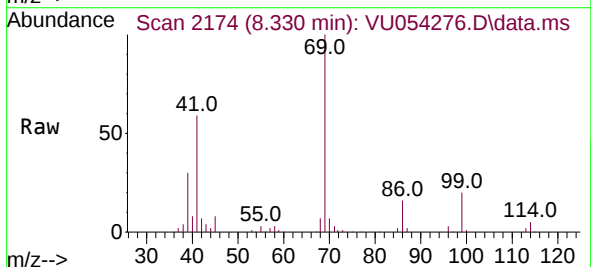
Manual Integrations
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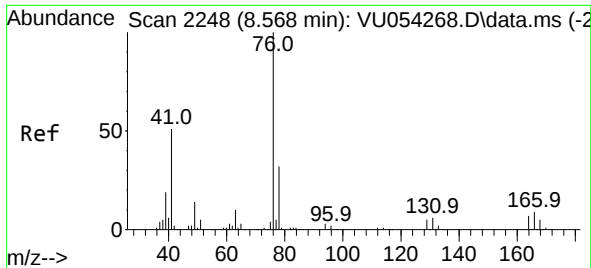
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#56
Ethyl methacrylate
Concen: 17.880 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.9	45.4	68.0
39	31.5	25.7	38.5





#57

1,3-Dichloropropane

Concen: 18.583 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

Tgt Ion: 76 Resp: 8896

Ion Ratio Lower Upper

76 100

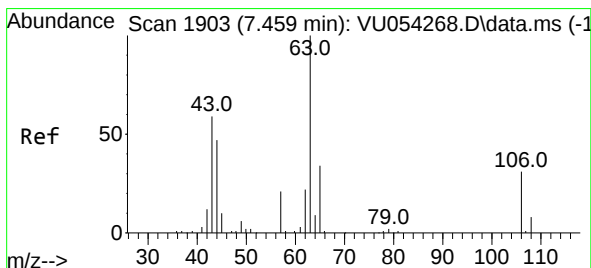
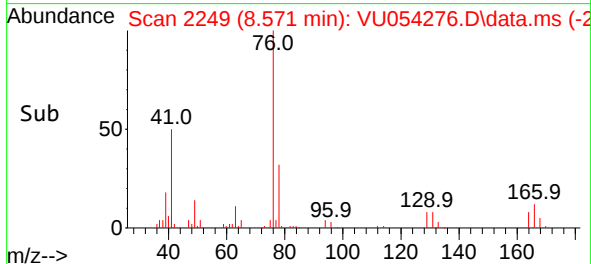
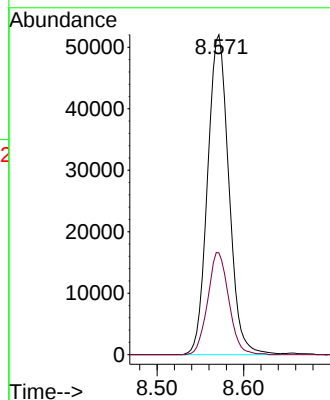
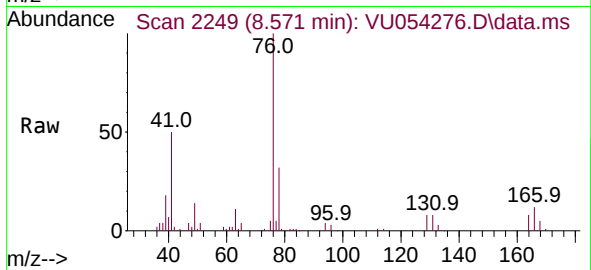
78 31.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 46.664 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VU054276.D

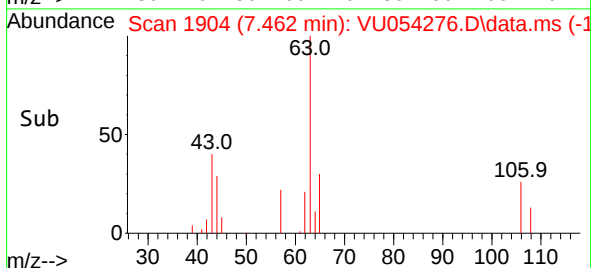
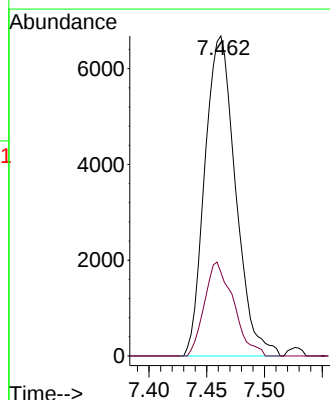
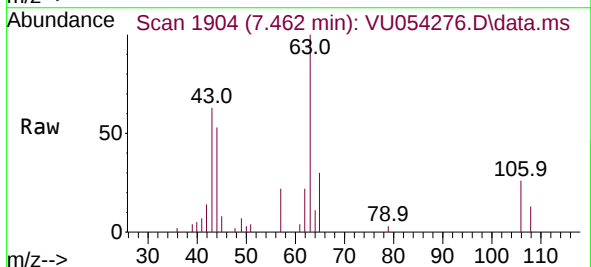
Acq: 26 May 2023 11:29

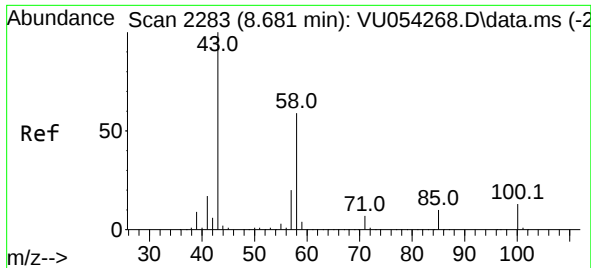
Tgt Ion: 63 Resp: 12381

Ion Ratio Lower Upper

63 100

106 27.7 23.1 34.7





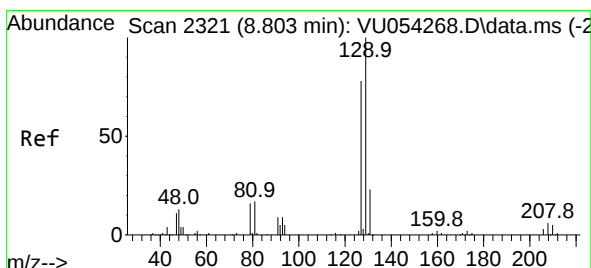
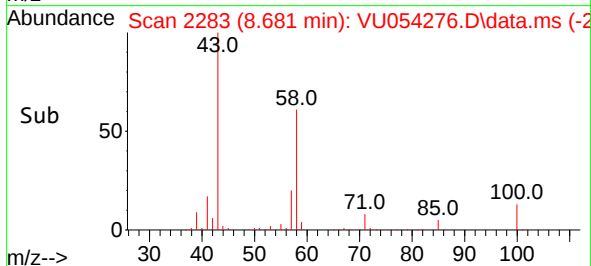
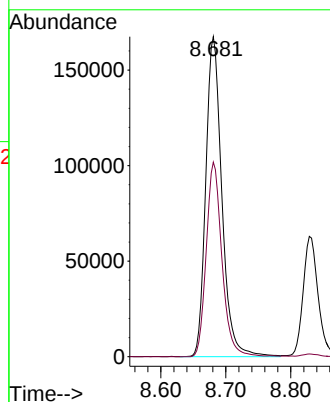
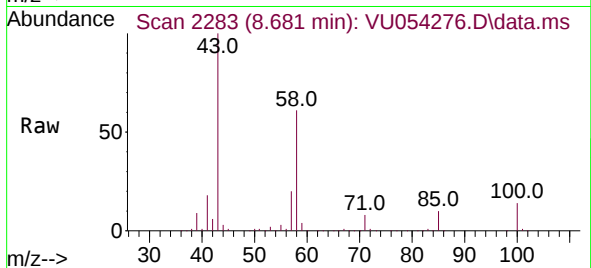
#59
2-Hexanone
Concen: 88.463 ug/l
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion: 43 Resp: 289144
Ion Ratio Lower Upper
43 100
58 59.3 30.3 90.8

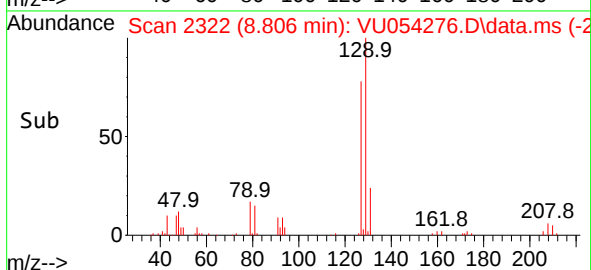
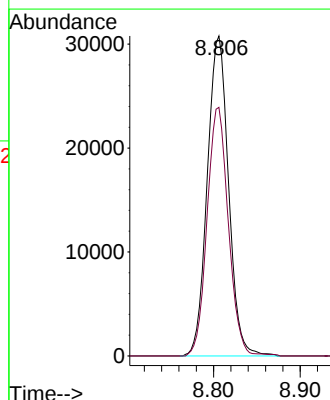
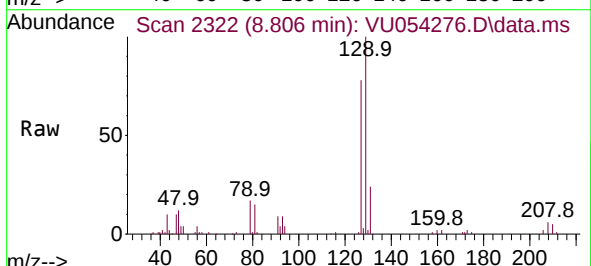
Manual Integrations
APPROVED

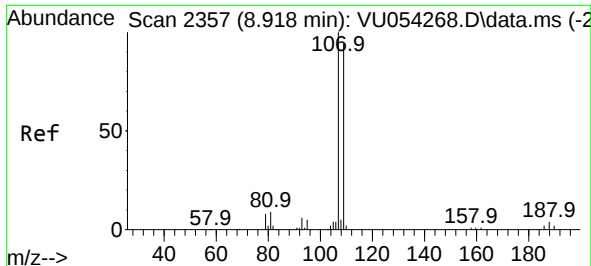
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#60
Dibromochloromethane
Concen: 18.592 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

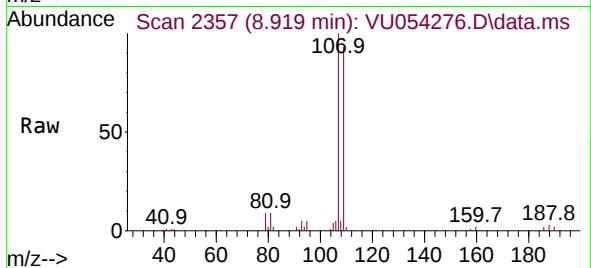
Tgt Ion:129 Resp: 52513
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.799 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

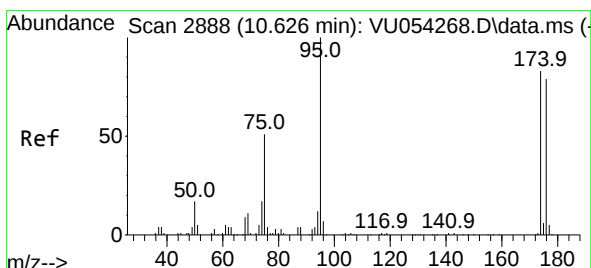
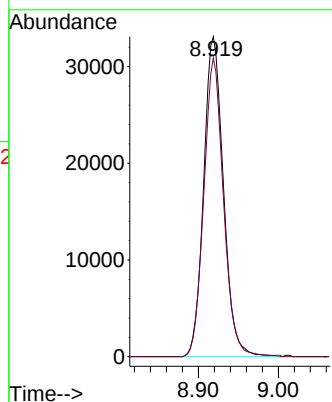
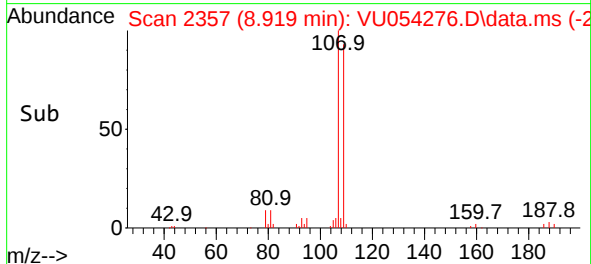
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01



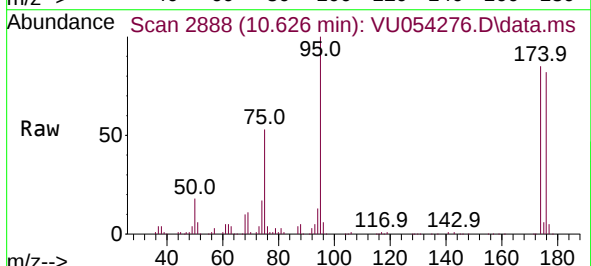
Tgt Ion:107 Resp: 56878
Ion Ratio Lower Upper
107 100
109 93.0 75.1 112.7

Manual Integrations
APPROVED

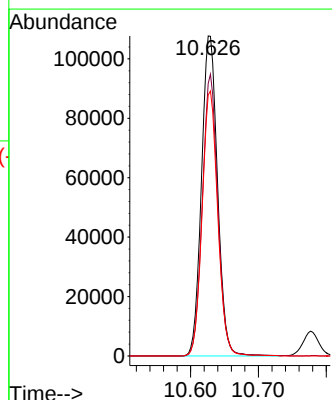
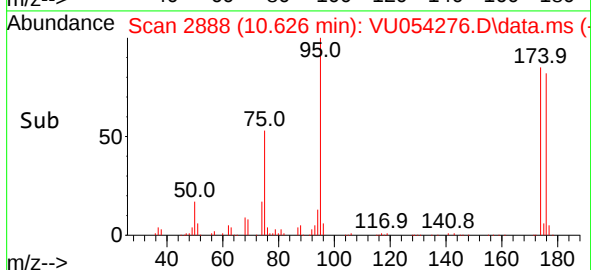
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

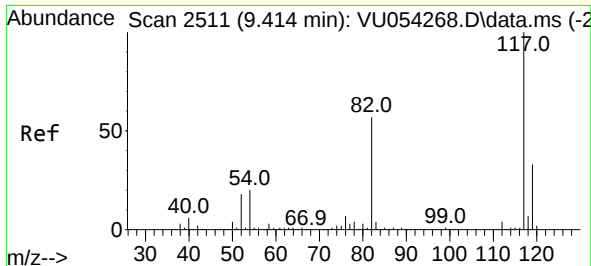


#62
4-Bromofluorobenzene
Concen: 51.071 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29



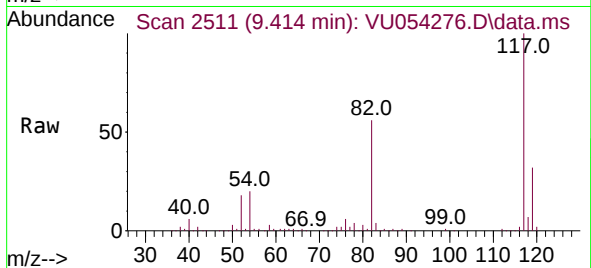
Tgt Ion: 95 Resp: 176877
Ion Ratio Lower Upper
95 100
174 84.8 0.0 182.0
176 80.6 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

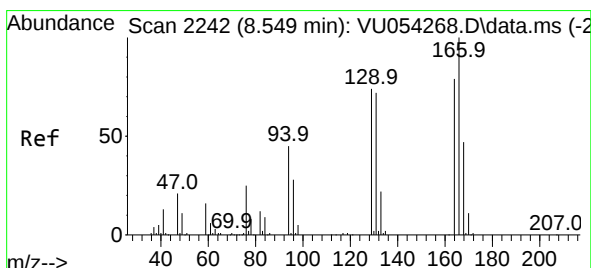
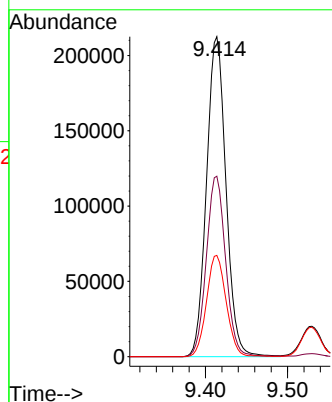
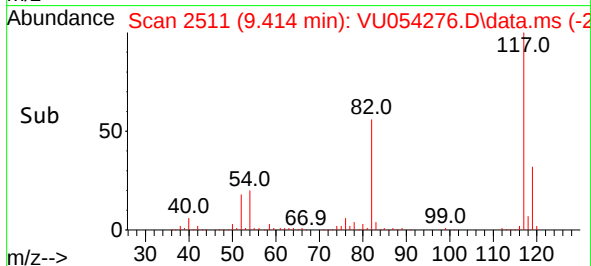
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01



Tgt Ion:117 Resp: 35098
Ion Ratio Lower Upper
117 100
82 56.4 41.7 62.5
119 31.6 25.7 38.5

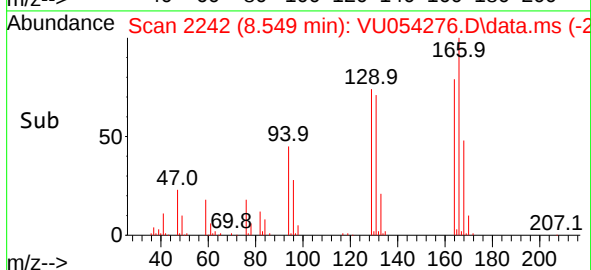
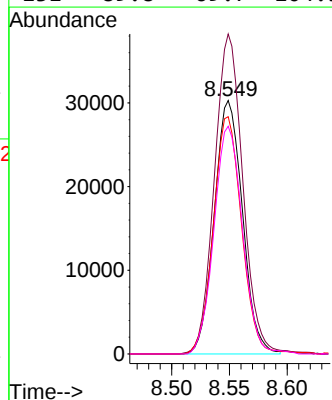
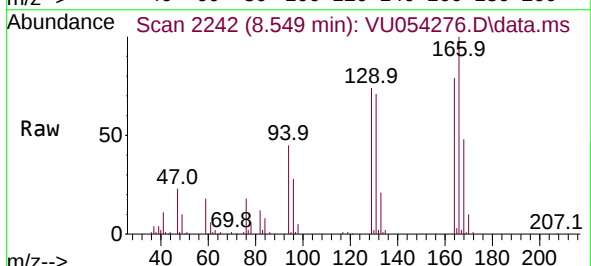
Manual Integrations
APPROVED

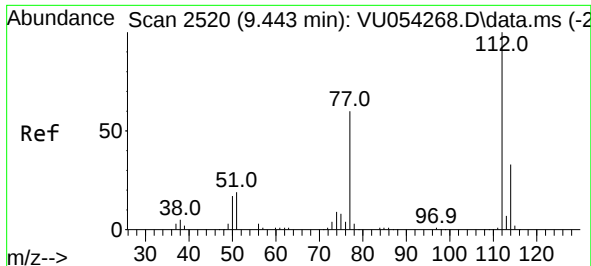
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#64
Tetrachloroethene
Concen: 19.482 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:164 Resp: 51463
Ion Ratio Lower Upper
164 100
166 126.2 100.0 150.0
129 93.6 72.0 108.0
131 89.8 69.7 104.5





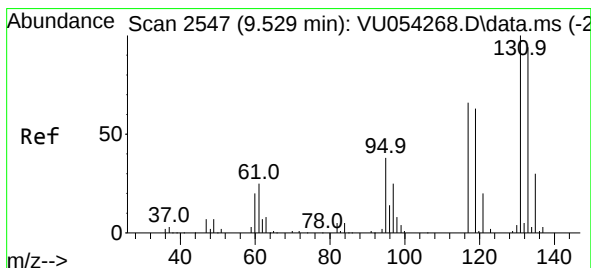
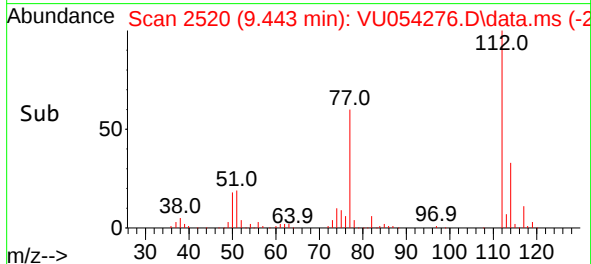
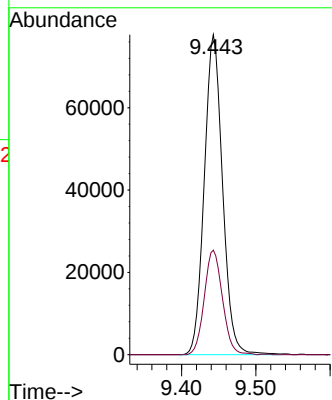
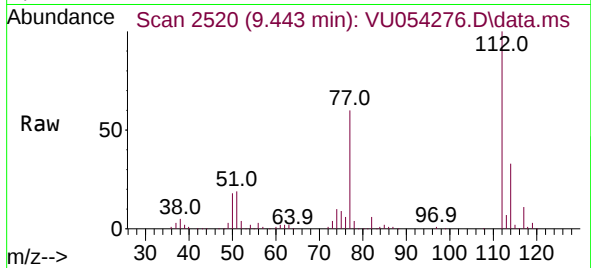
#65
Chlorobenzene
Concen: 18.118 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion:112 Resp: 13293
Ion Ratio Lower Upper
112 100
114 32.7 24.9 37.3

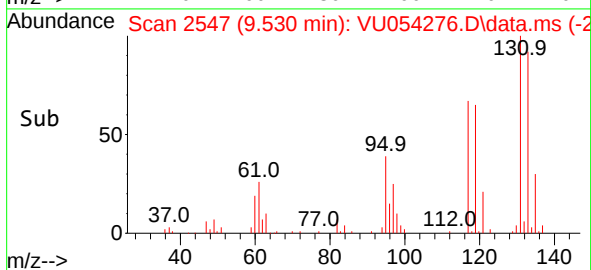
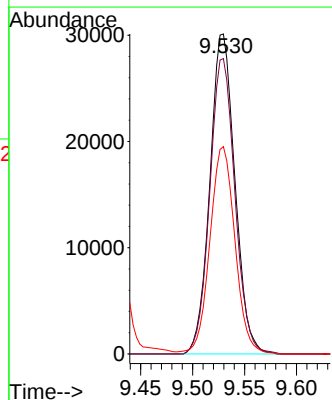
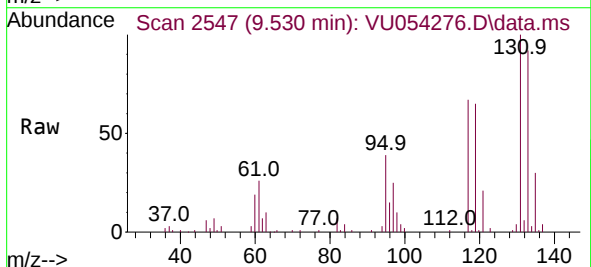
Manual Integrations
APPROVED

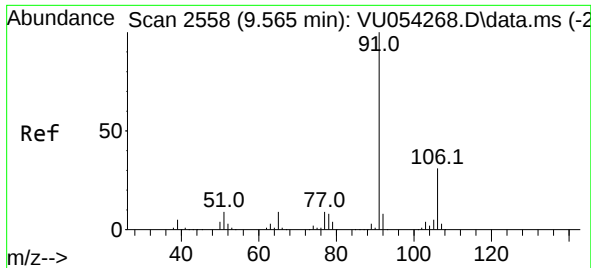
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.942 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.001 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:131 Resp: 50420
Ion Ratio Lower Upper
131 100
133 93.0 48.4 145.0
119 65.0 33.9 101.6





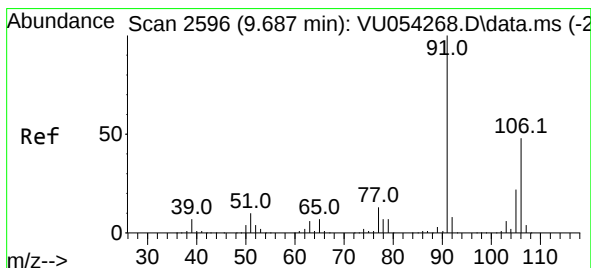
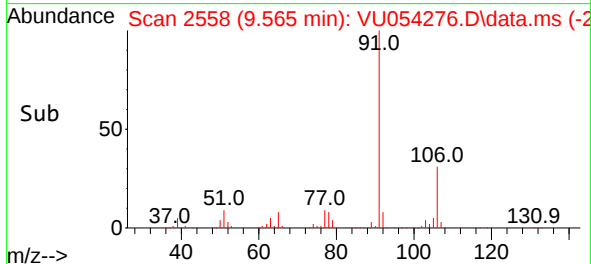
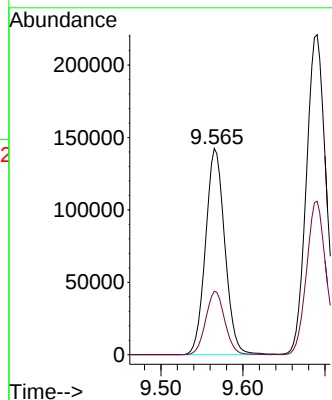
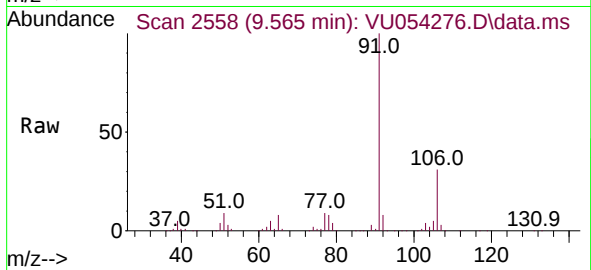
#67
Ethyl Benzene
Concen: 18.568 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion: 91 Resp: 232933
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

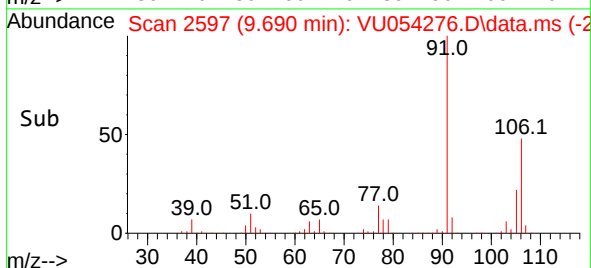
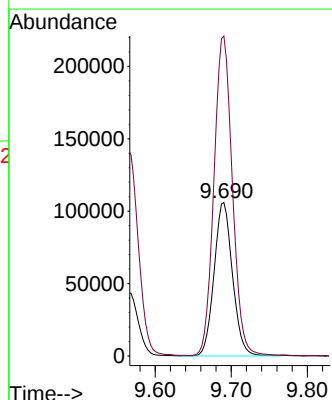
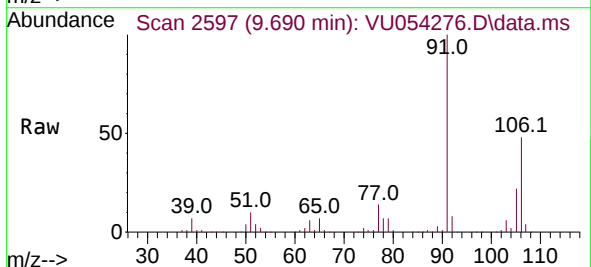
Manual Integrations
APPROVED

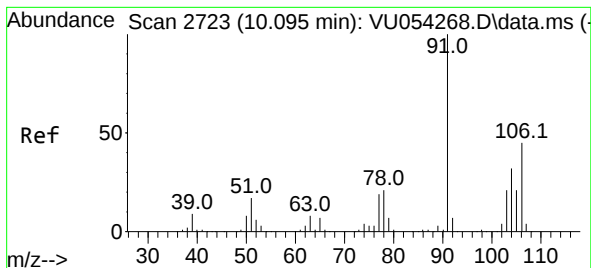
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#68
m/p-Xylenes
Concen: 37.525 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:106 Resp: 178429
Ion Ratio Lower Upper
106 100
91 208.2 157.2 235.8





#69

o-Xylene

Concen: 19.096 ug/l

RT: 10.095 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

Tgt Ion:106 Resp: 87898

Ion Ratio Lower Upper

106 100

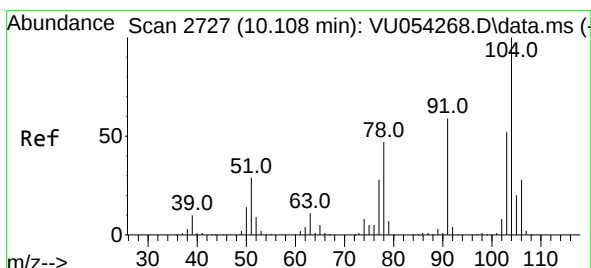
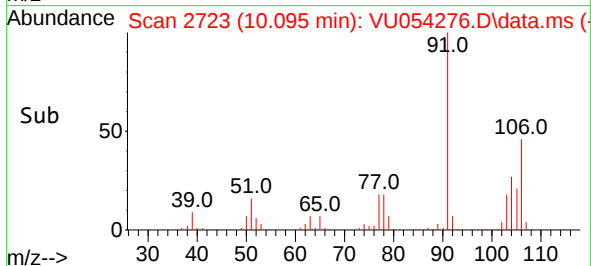
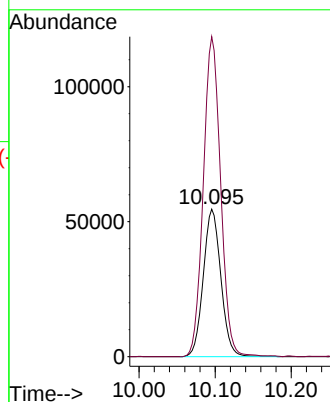
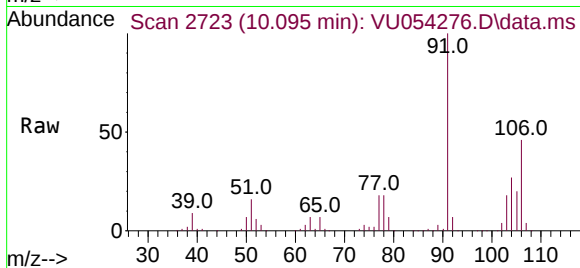
91 213.4 103.5 310.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#70

Styrene

Concen: 18.913 ug/l

RT: 10.112 min Scan# 2728

Delta R.T. 0.004 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

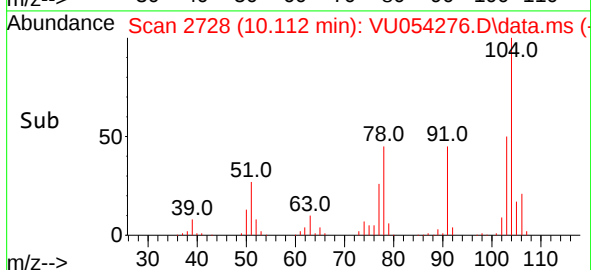
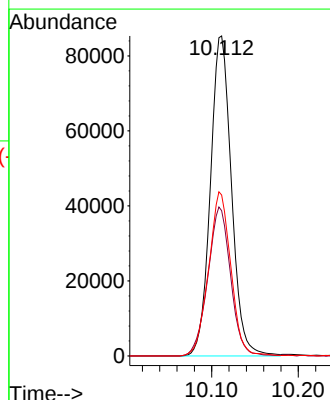
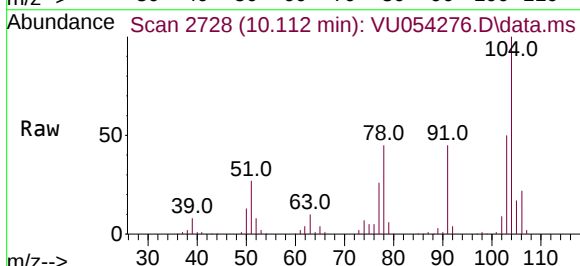
Tgt Ion:104 Resp: 144369

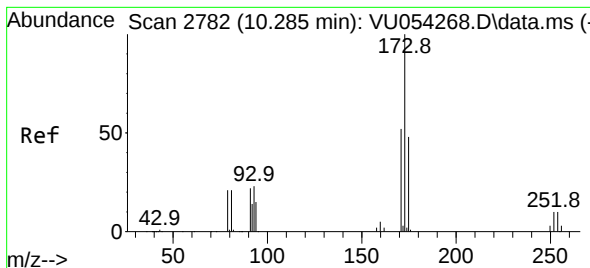
Ion Ratio Lower Upper

104 100

78 50.2 38.0 57.0

103 54.1 43.9 65.9





#71

Bromoform

Concen: 18.277 ug/l

RT: 10.285 min Scan# 2782

Delta R.T. 0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

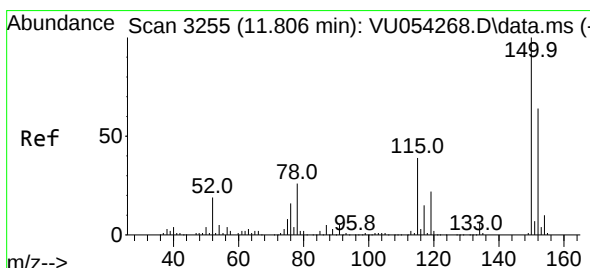
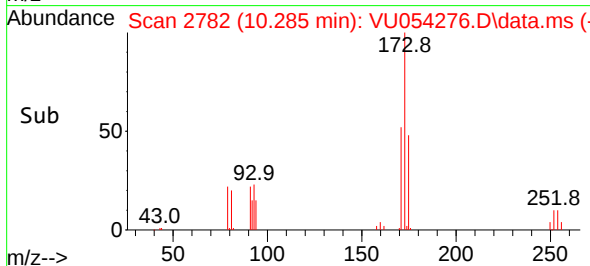
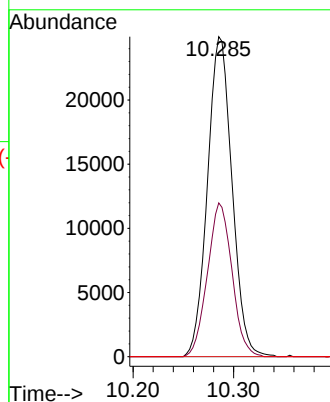
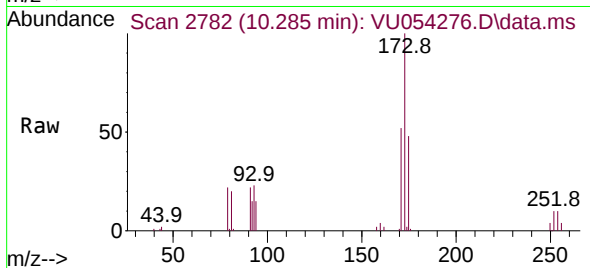
Tgt Ion:173	Resp:	42278
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.1 72.2
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

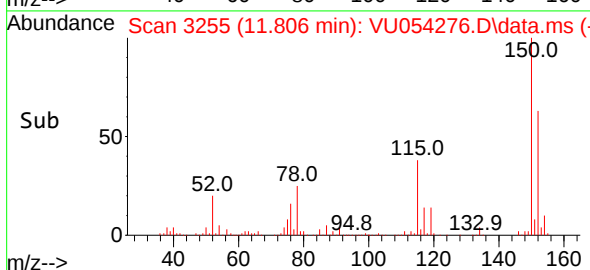
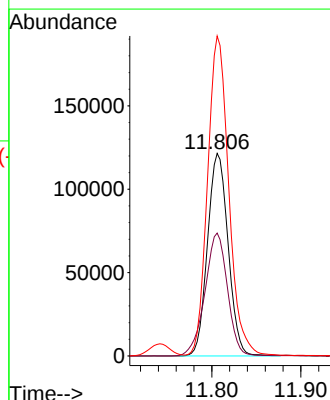
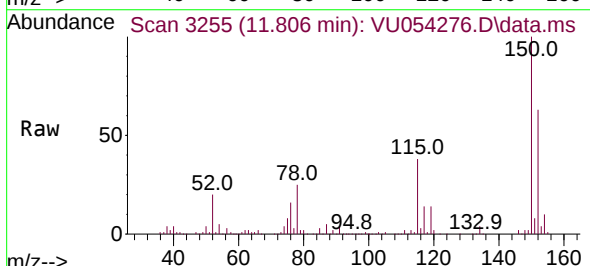
RT: 11.806 min Scan# 3255

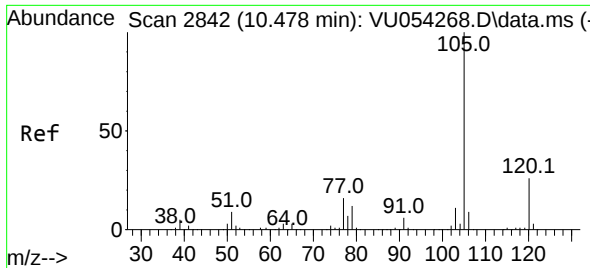
Delta R.T. -0.000 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Tgt Ion:152	Resp:	195132
Ion Ratio	Lower	Upper
152	100	
115	66.2	37.0 110.9
150	162.0	0.0 342.2





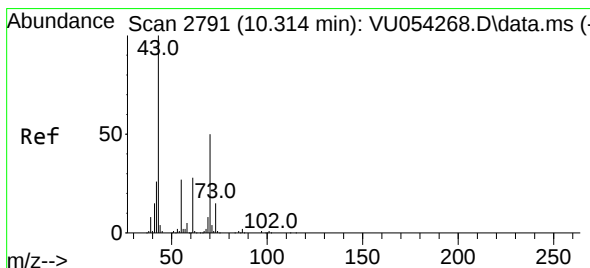
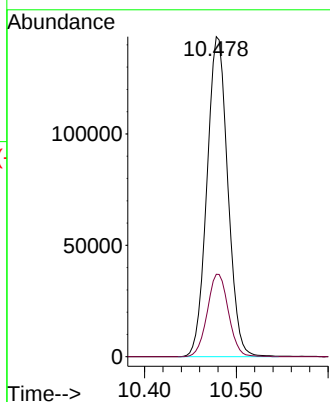
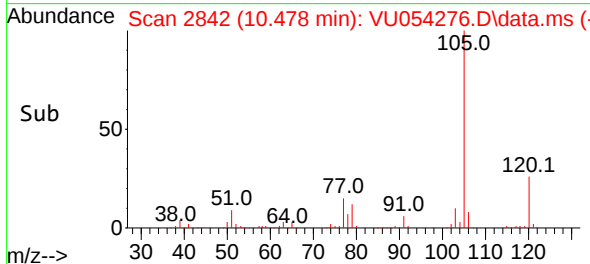
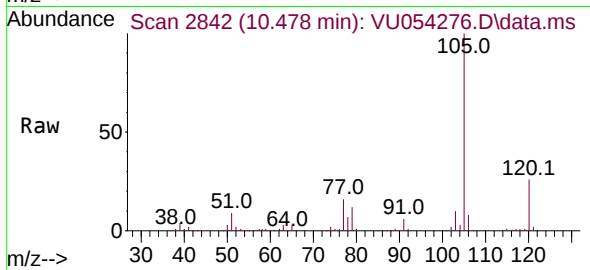
#73
Isopropylbenzene
Concen: 18.802 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion:105 Resp: 227218
Ion Ratio Lower Upper
105 100
120 26.2 13.8 41.4

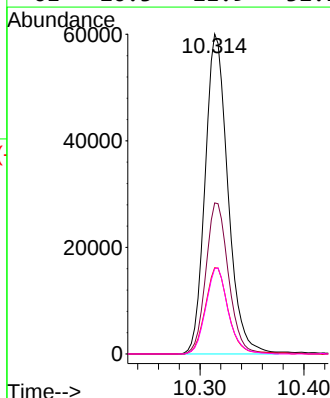
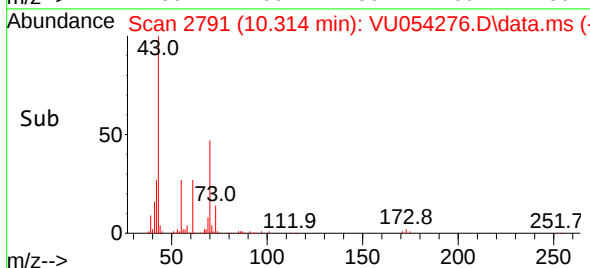
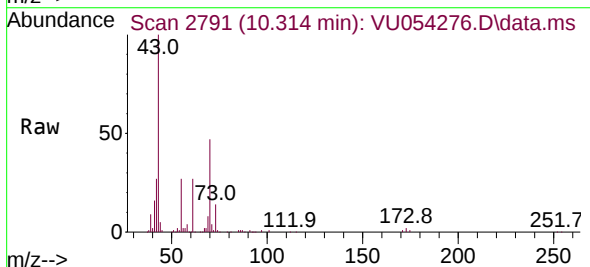
Manual Integrations
APPROVED

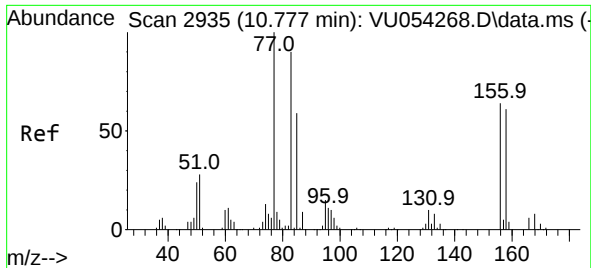
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#74
N-ethyl acetate
Concen: 17.850 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion: 43 Resp: 91596
Ion Ratio Lower Upper
43 100
70 47.0 38.7 58.1
55 26.9 21.8 32.8
61 26.3 21.9 32.9





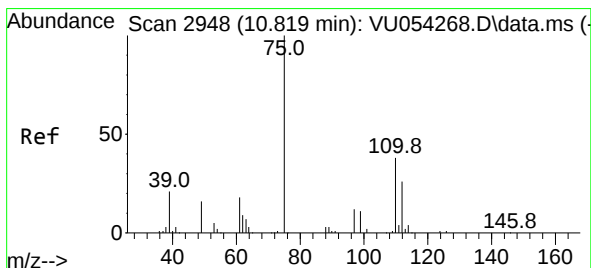
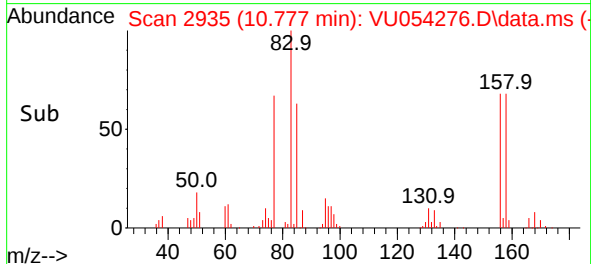
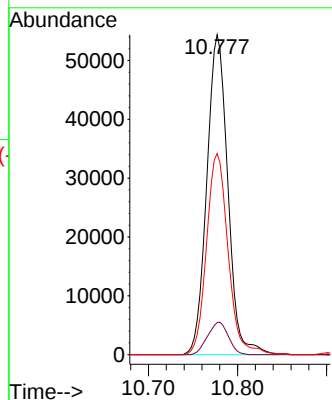
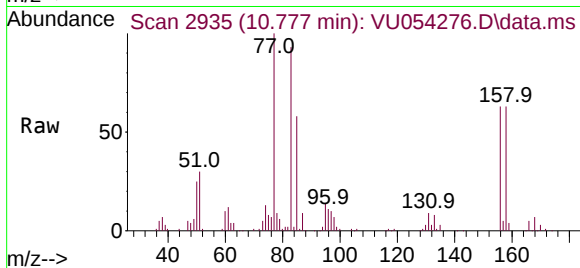
#75
1,1,2,2-Tetrachloroethane
Concen: 18.204 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.4
85	64.6	32.2	96.6

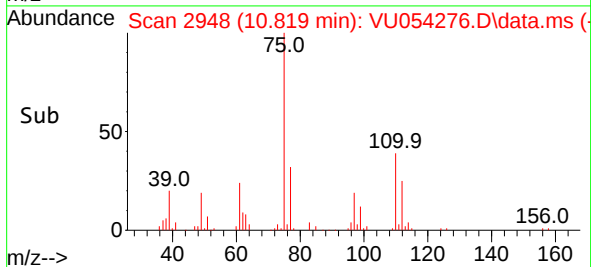
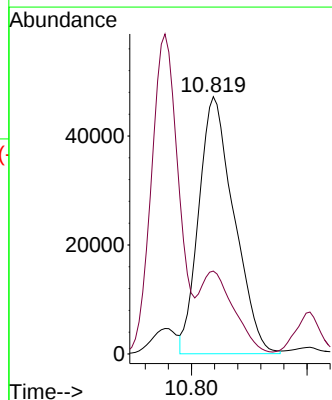
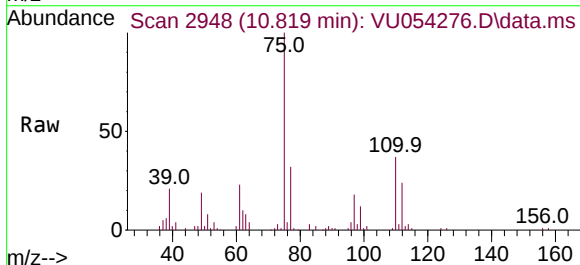
Manual Integrations
APPROVED

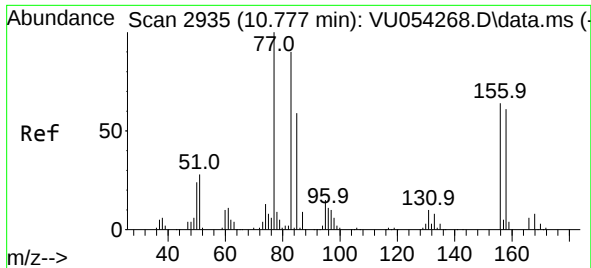
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#76
1,2,3-Trichloropropane
Concen: 17.546 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	28.5	15.8	47.3





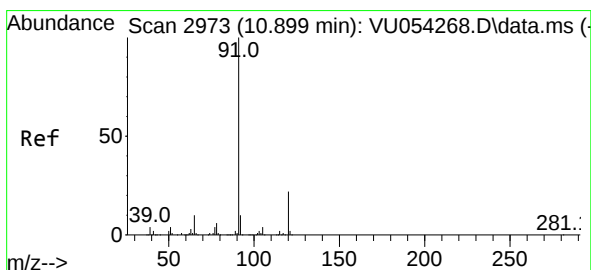
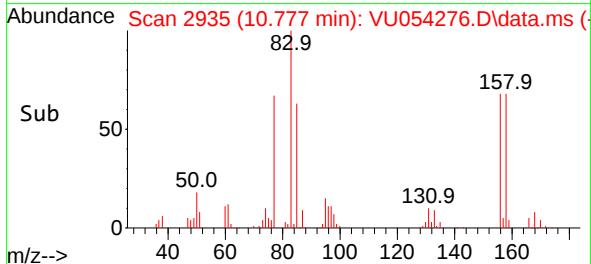
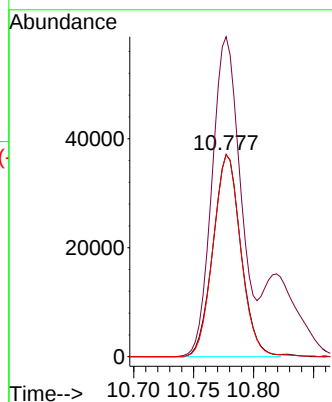
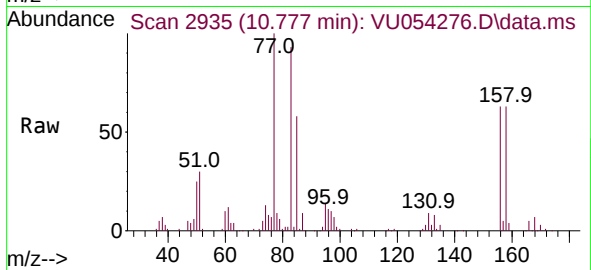
#77
Bromobenzene
Concen: 18.064 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	161.7	71.9	215.6
158	99.4	48.9	146.8

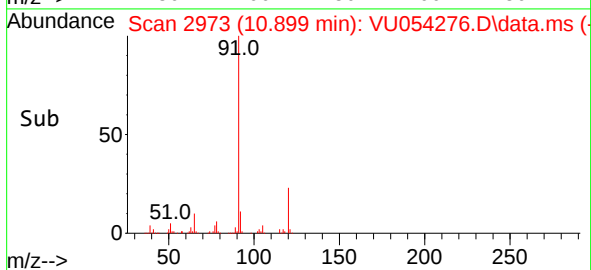
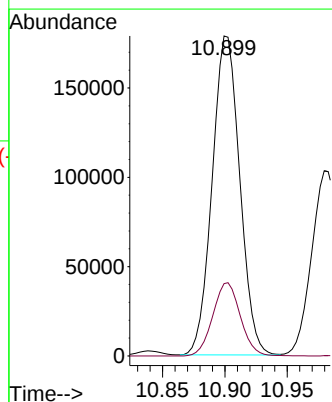
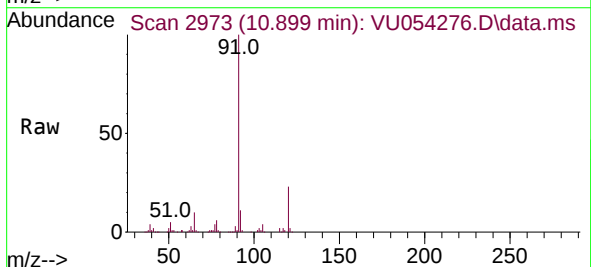
Manual Integrations
APPROVED

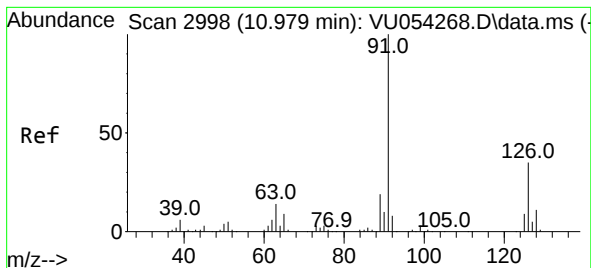
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#78
n-propylbenzene
Concen: 18.604 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.9	35.5





#79

2-Chlorotoluene

Concen: 18.572 ug/l

RT: 10.980 min Scan# 2998

Delta R.T. 0.001 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

Tgt Ion: 91 Resp: 16645

Ion Ratio Lower Upper

91 100

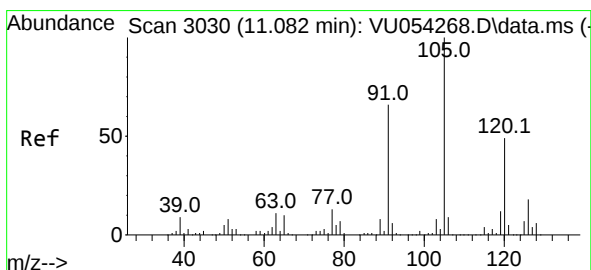
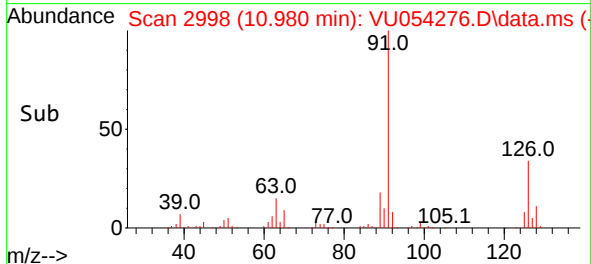
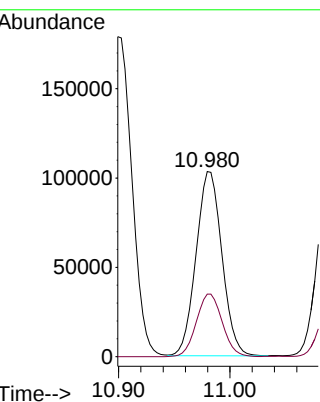
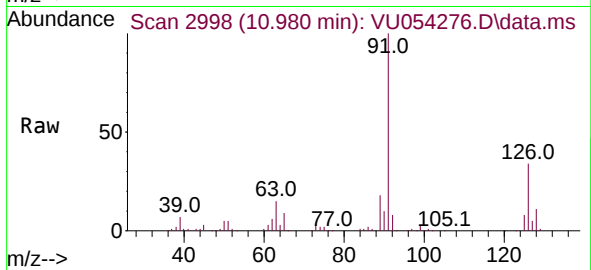
126 34.1 18.4 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.099 ug/l

RT: 11.083 min Scan# 3030

Delta R.T. 0.001 min

Lab File: VU054276.D

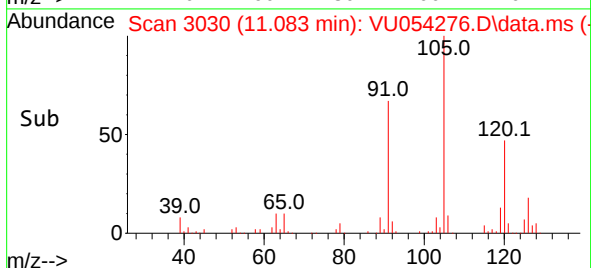
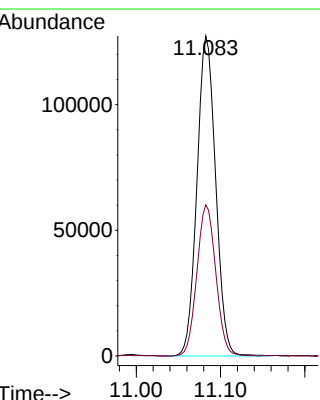
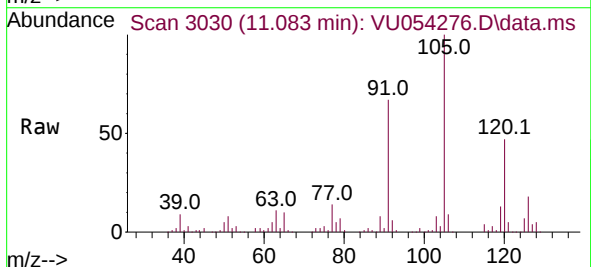
Acq: 26 May 2023 11:29

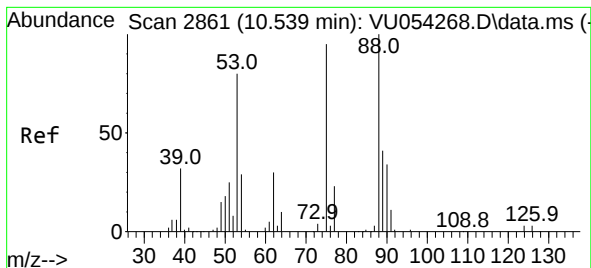
Tgt Ion:105 Resp: 196283

Ion Ratio Lower Upper

105 100

120 47.8 25.3 75.9





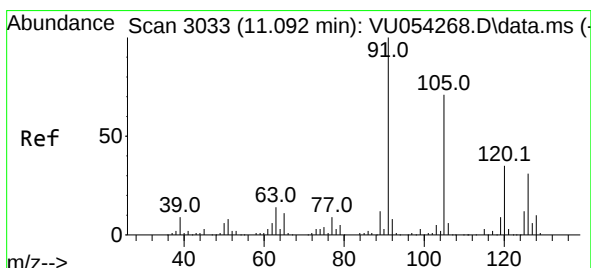
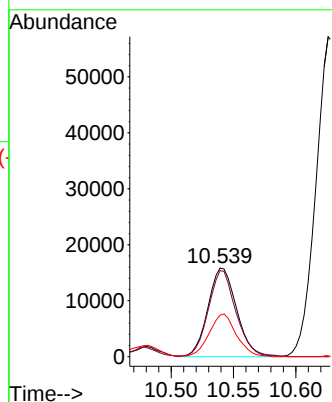
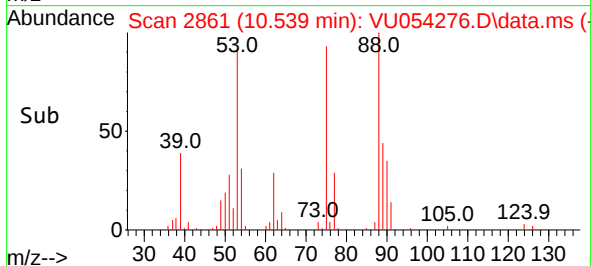
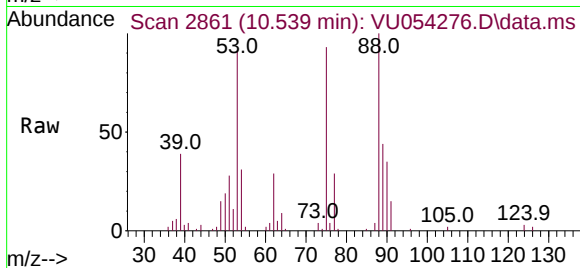
#81
trans-1,4-Dichloro-2-butene
Concen: 16.870 ug/l
RT: 10.539 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion: 75 Resp: 2523
Ion Ratio Lower Upper
75 100
53 94.7 69.2 103.8
89 46.0 37.0 55.6

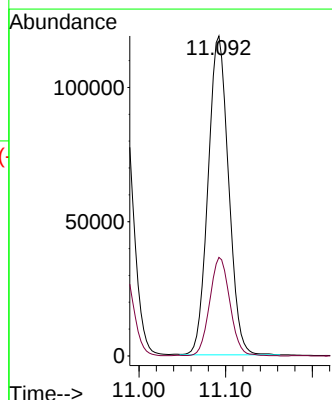
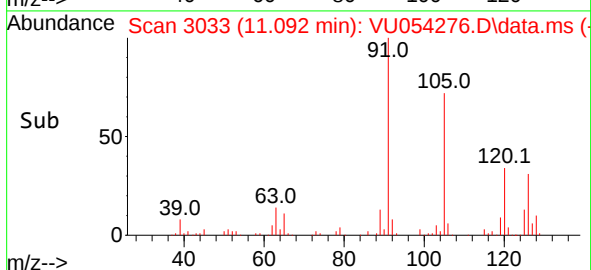
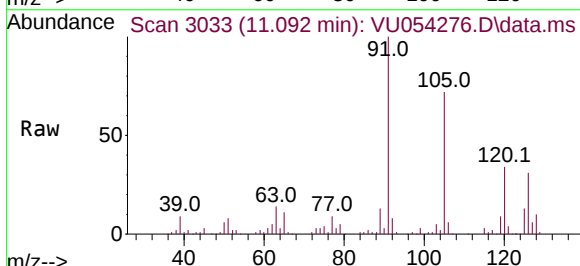
Manual Integrations
APPROVED

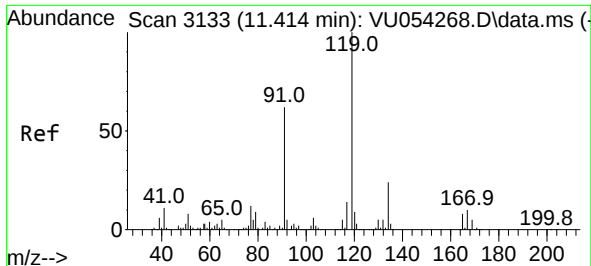
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#82
4-Chlorotoluene
Concen: 18.540 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

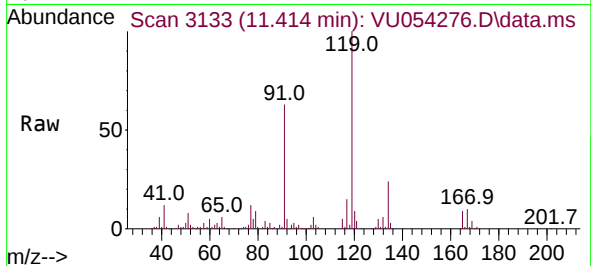
Tgt Ion: 91 Resp: 194964
Ion Ratio Lower Upper
91 100
126 30.6 16.1 48.2





#83
tert-Butylbenzene
Concen: 18.009 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

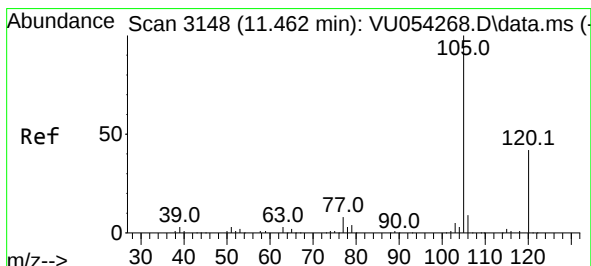
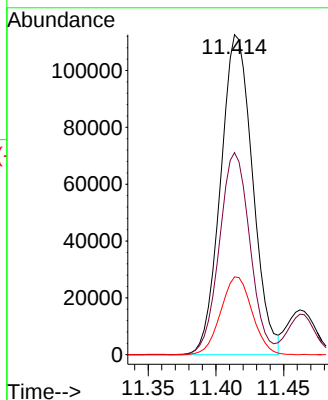
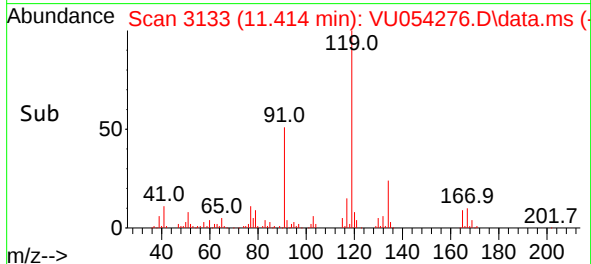
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01



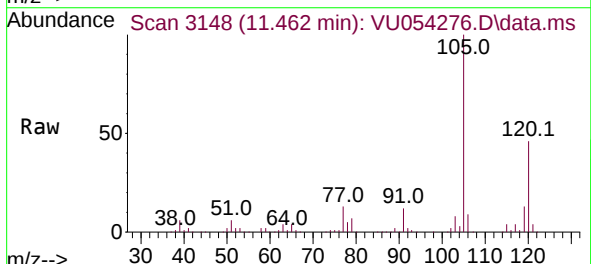
Tgt Ion:119 Resp: 185070
Ion Ratio Lower Upper
119 100
91 60.4 26.8 80.3
134 23.8 11.5 34.5

Manual Integrations
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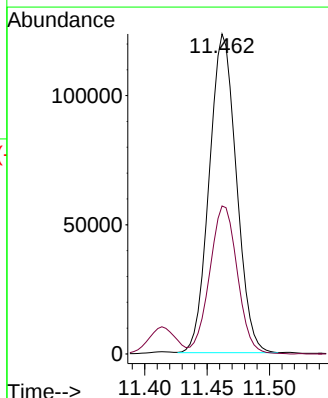
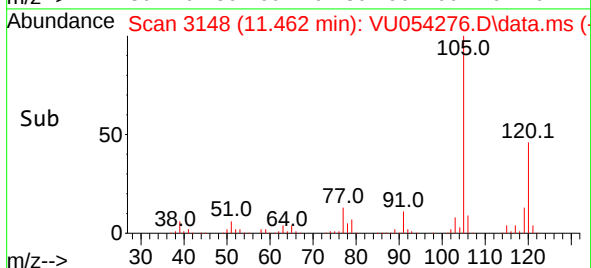
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

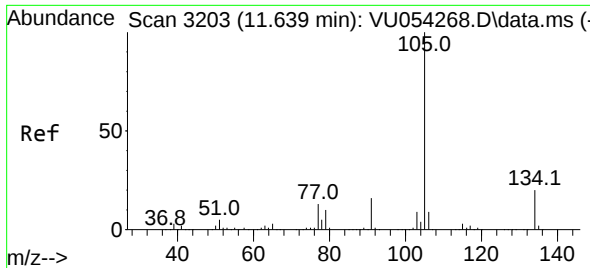


#84
1,2,4-Trimethylbenzene
Concen: 18.286 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29



Tgt Ion:105 Resp: 186959
Ion Ratio Lower Upper
105 100
120 47.6 23.4 70.3





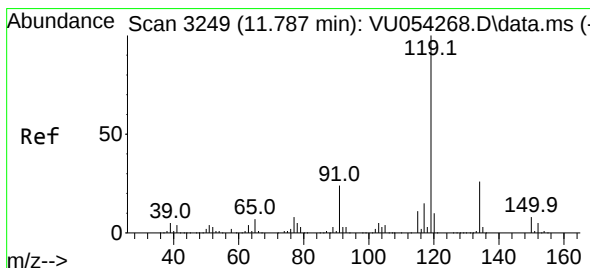
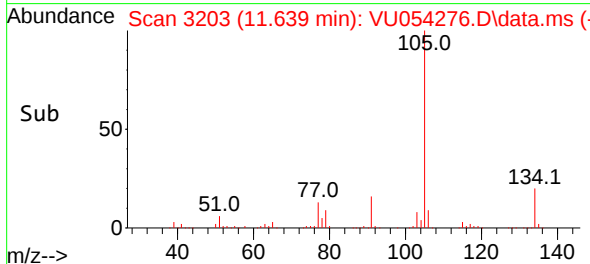
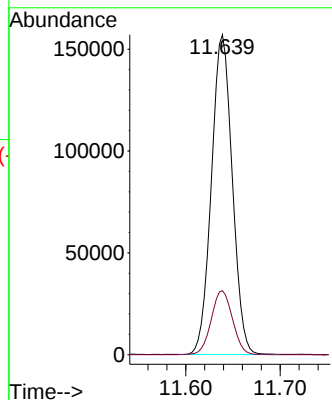
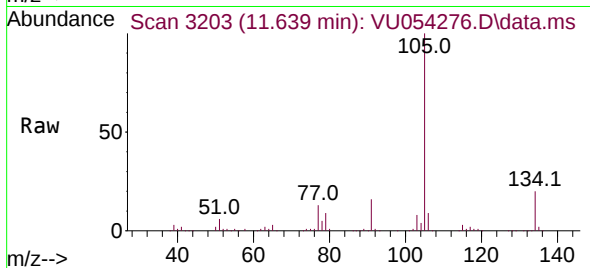
#85
 sec-Butylbenzene
 Concen: 18.433 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBS01

Tgt Ion:105 Resp: 240369
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

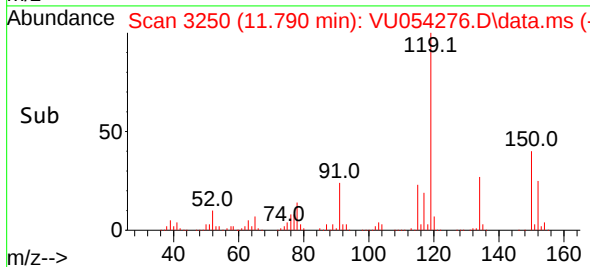
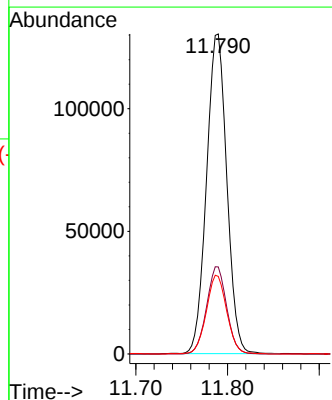
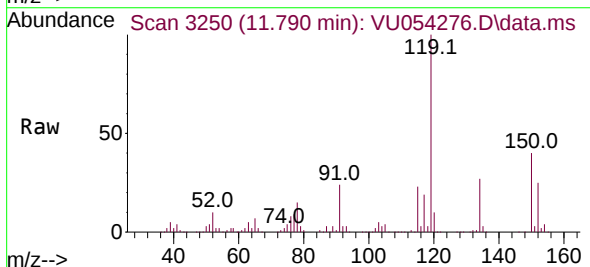
Manual Integrations
 APPROVED

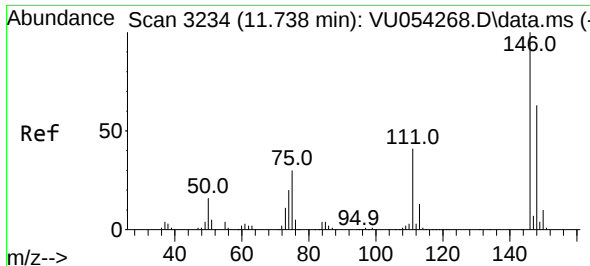
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#86
 p-Isopropyltoluene
 Concen: 18.220 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. 0.003 min
 Lab File: VU054276.D
 Acq: 26 May 2023 11:29

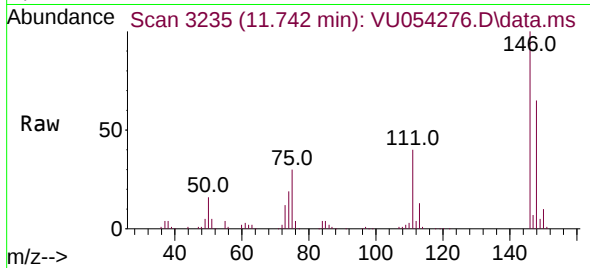
Tgt Ion:119 Resp: 199832
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 24.9 11.2 33.5





#87
1,3-Dichlorobenzene
Concen: 18.081 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

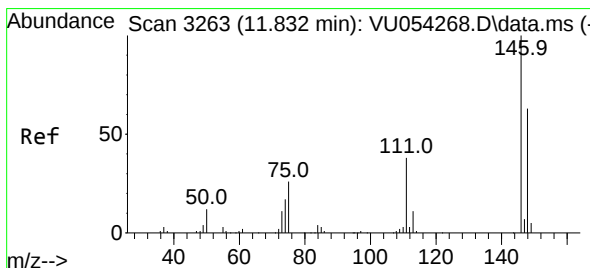
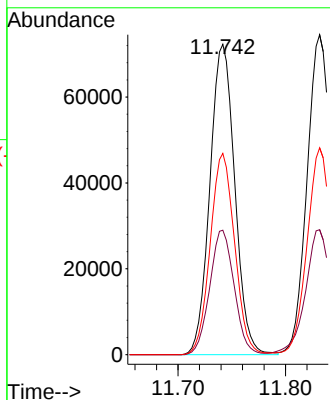
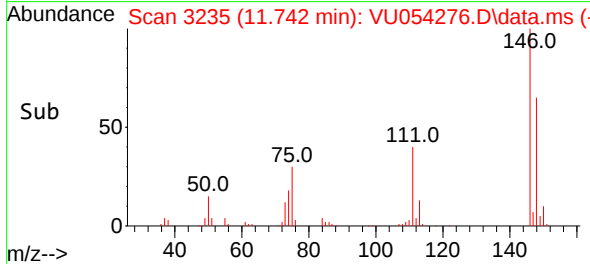
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01



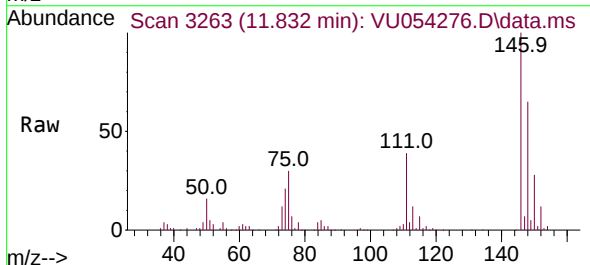
Tgt Ion:146 Resp: 116184
Ion Ratio Lower Upper
146 100
111 39.4 18.9 56.5
148 63.8 31.9 95.9

Manual Integrations
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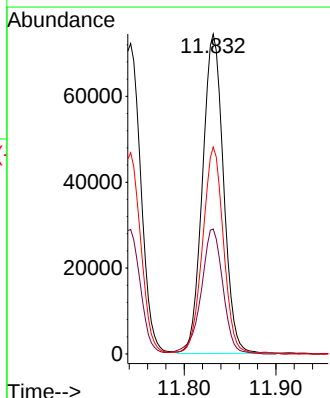
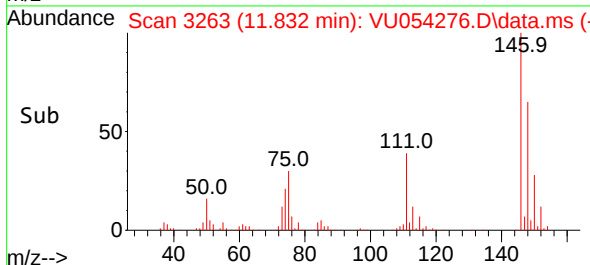
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

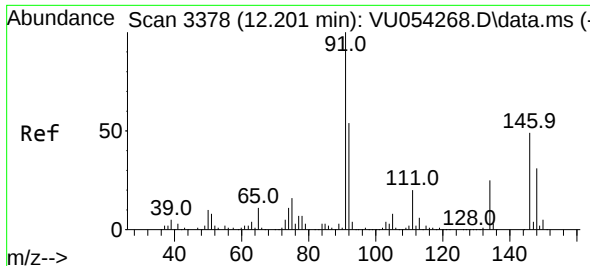


#88
1,4-Dichlorobenzene
Concen: 17.616 ug/l
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29



Tgt Ion:146 Resp: 118251
Ion Ratio Lower Upper
146 100
111 40.7 18.5 55.5
148 63.5 31.9 95.7





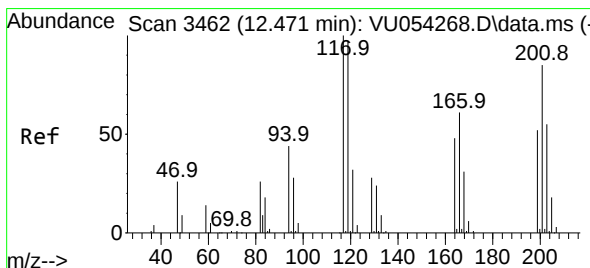
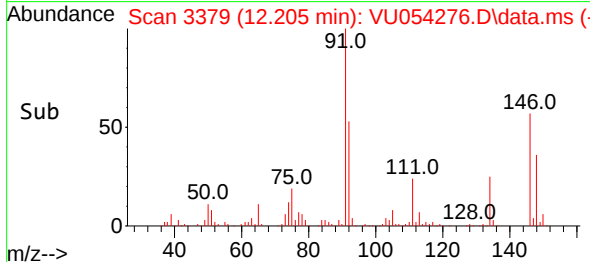
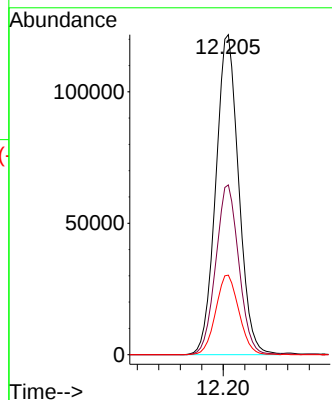
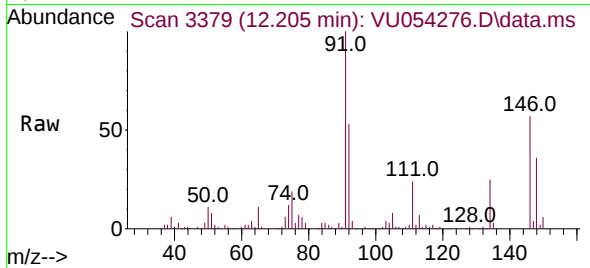
#89
n-Butylbenzene
Concen: 17.445 ug/l
RT: 12.205 min Scan# 3378
Delta R.T. 0.004 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01

Tgt Ion: 91 Resp: 18010
Ion Ratio Lower Upper
91 100
92 53.4 26.2 78.6
134 25.2 13.5 40.4

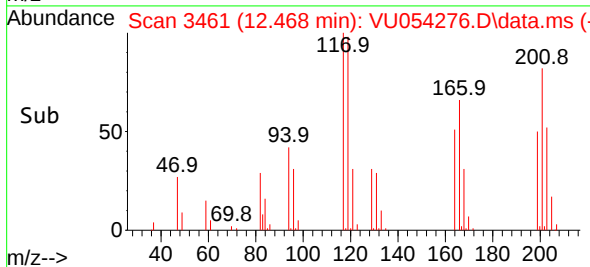
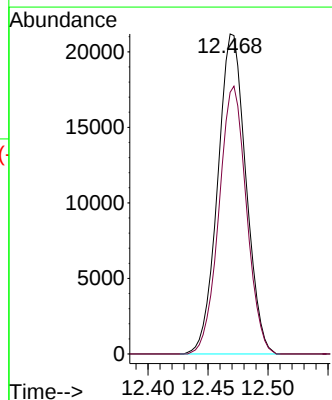
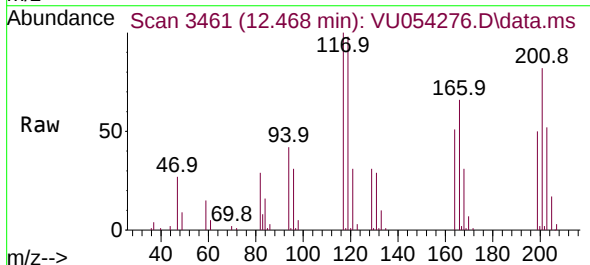
Manual Integrations
APPROVED

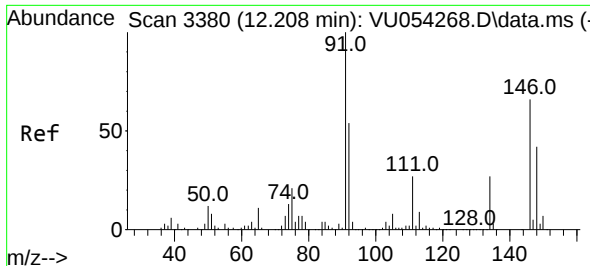
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#90
Hexachloroethane
Concen: 17.867 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

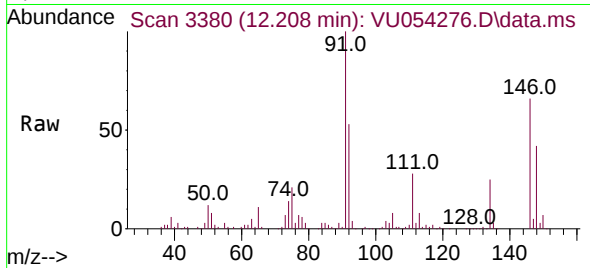
Tgt Ion:117 Resp: 34667
Ion Ratio Lower Upper
117 100
201 81.4 44.6 134.0





#91
1,2-Dichlorobenzene
Concen: 18.257 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

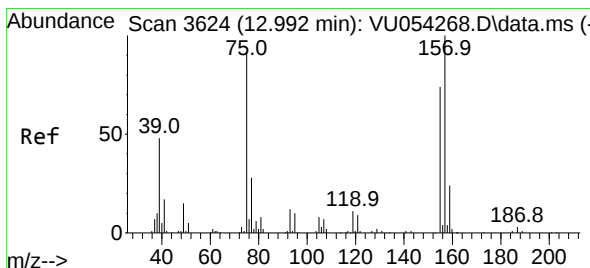
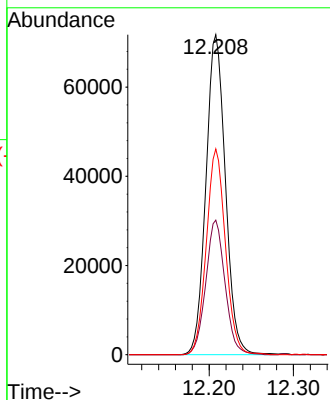
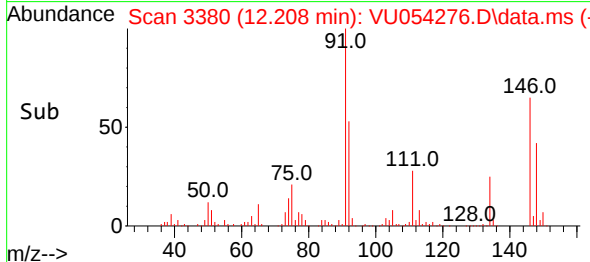
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01



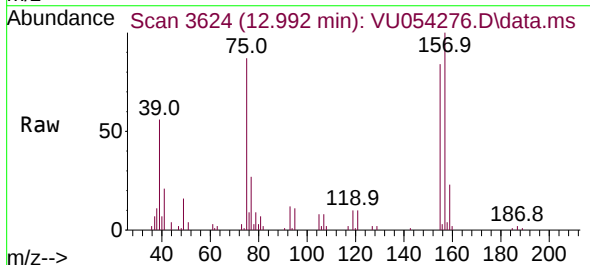
Tgt Ion:146 Resp: 115409
Ion Ratio Lower Upper
146 100
111 41.6 19.9 59.6
148 63.1 32.1 96.5

Manual Integrations
APPROVED

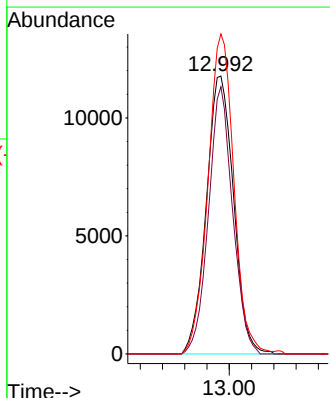
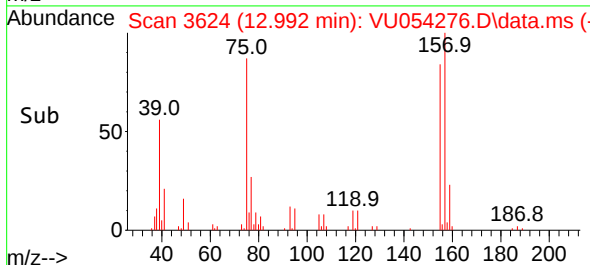
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023

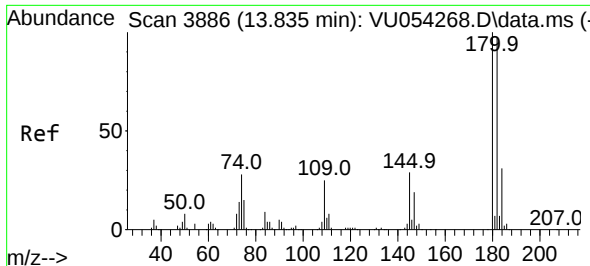


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.943 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29



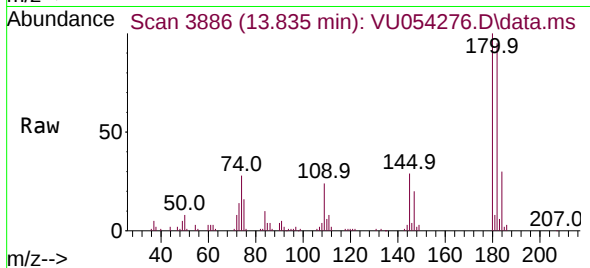
Tgt Ion: 75 Resp: 20010
Ion Ratio Lower Upper
75 100
155 85.1 47.8 143.4
157 109.5 62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 17.785 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

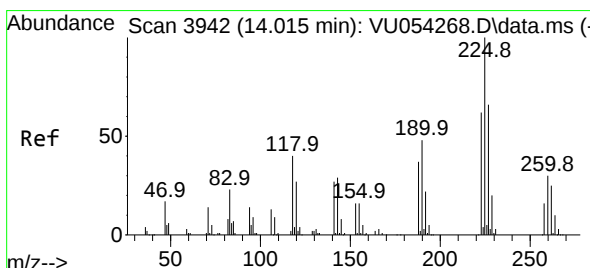
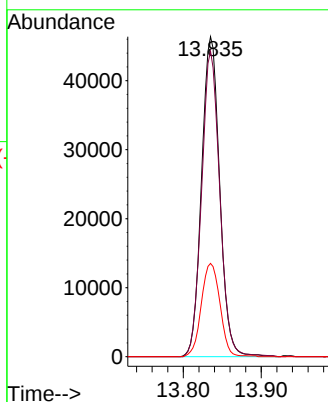
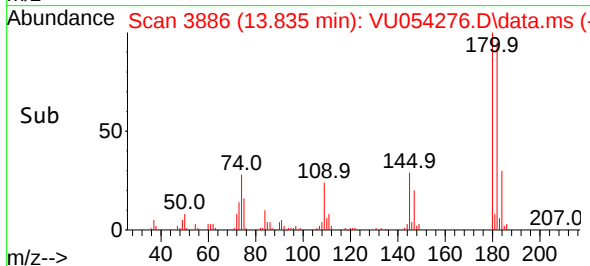
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBS01



Tgt Ion:180 Resp: 74910
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 30.0 14.0 41.9

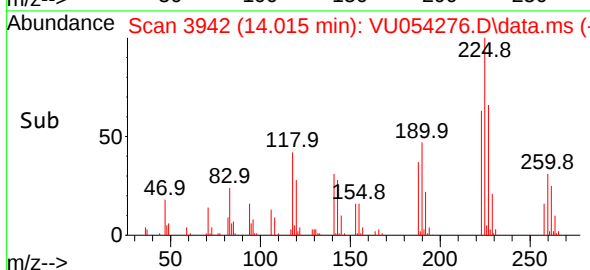
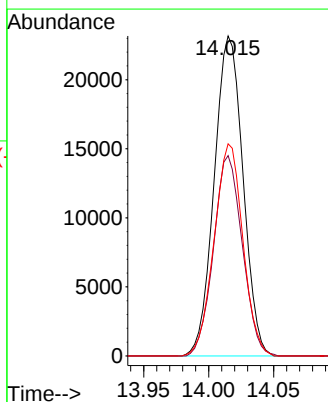
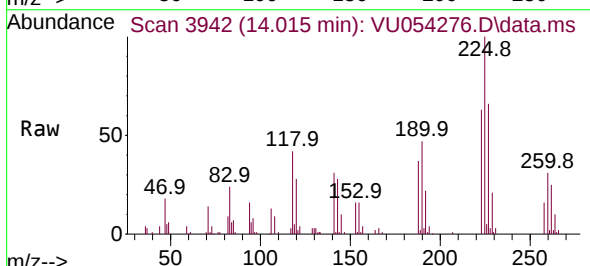
Manual Integrations
APPROVED

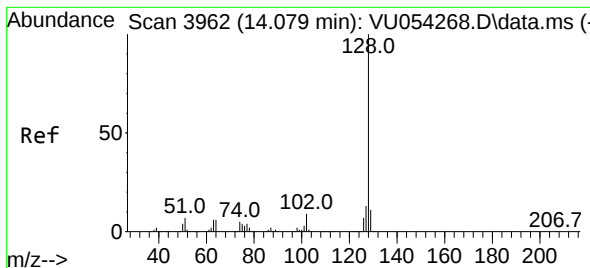
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/31/2023



#94
Hexachlorobutadiene
Concen: 17.676 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.000 min
Lab File: VU054276.D
Acq: 26 May 2023 11:29

Tgt Ion:225 Resp: 35645
Ion Ratio Lower Upper
225 100
223 62.5 31.3 93.9
227 66.2 32.0 96.2





#95

Naphthalene

Concen: 16.749 ug/l

RT: 14.082 min Scan# 3962

Delta R.T. 0.003 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBS01

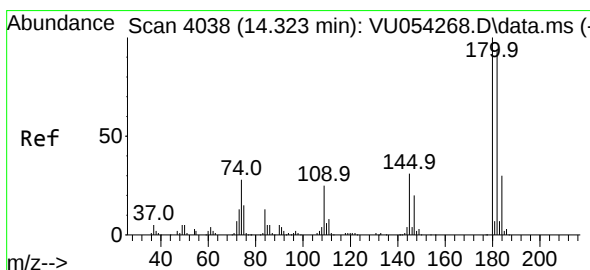
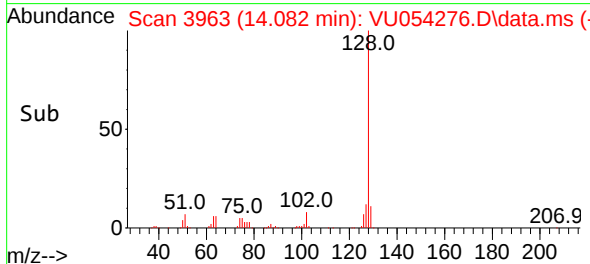
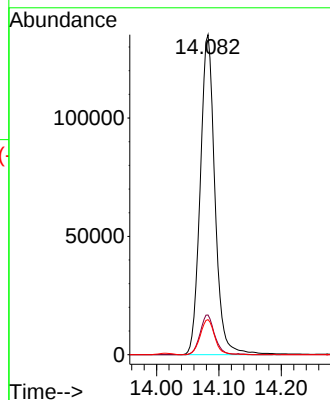
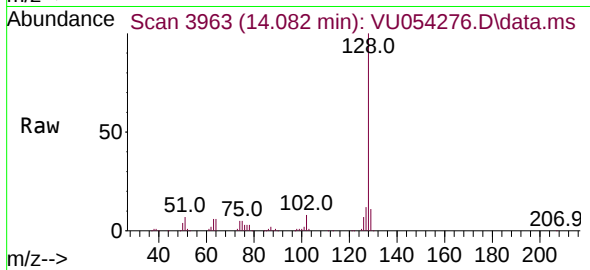
Tgt Ion:128	Resp: 221828
Ion Ratio	Lower Upper
128 100	
127 12.2	10.3 15.5
129 10.9	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/31/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.667 ug/l

RT: 14.324 min Scan# 4038

Delta R.T. 0.001 min

Lab File: VU054276.D

Acq: 26 May 2023 11:29

Tgt Ion:180	Resp: 74865
Ion Ratio	Lower Upper
180 100	
182 95.4	48.4 145.0
145 31.2	14.8 44.4

