

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052746.D
 Acq On : 19 Jan 2023 19:31
 Operator : JC/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 01:36:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:35:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	207690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	352409	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	318619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	142545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	153106	51.187	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.380%			
35) Dibromofluoromethane	5.282	113	118547	48.310	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.620%			
50) Toluene-d8	7.893	98	427424	46.447	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.900%			
62) 4-Bromofluorobenzene	10.629	95	142114	42.276	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1127	0.460	ug/l	100
3) Chloromethane	1.520	50	2341	0.931	ug/l	96
4) Vinyl Chloride	1.604	62	1181	0.471	ug/l #	67
5) Bromomethane	1.858	94	970	0.783	ug/l	89
6) Chloroethane	1.932	64	828	0.522	ug/l	95
7) Trichlorofluoromethane	2.134	101	1667	0.432	ug/l	100
8) Diethyl Ether	2.376	74	624	0.444	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.569	101	916	0.410	ug/l	94
10) Methyl Iodide	2.716	142	1133	0.617	ug/l #	93
12) 1,1-Dichloroethene	2.578	96	1018	0.461	ug/l #	79
13) Acrolein	2.491	56	1181	2.357	ug/l	93
14) Allyl chloride	2.919	41	1164	0.335	ug/l #	89
15) Acrylonitrile	3.331	53	3362	2.391	ug/l	91
16) Acetone	2.639	43	3509	2.461	ug/l #	86
17) Carbon Disulfide	2.790	76	4086	0.617	ug/l #	87
18) Methyl Acetate	2.958	43	1773	0.449	ug/l #	84
19) Methyl tert-butyl Ether	3.360	73	3265	0.436	ug/l	95
20) Methylene Chloride	3.041	84	2571	0.801	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	1310	0.550	ug/l	95
22) Diisopropyl ether	3.986	45	2895	0.400	ug/l #	31
23) Vinyl Acetate	3.964	43	11009	1.983	ug/l	98
24) 1,1-Dichloroethane	3.864	63	2186	0.476	ug/l #	82
25) 2-Butanone	4.726	43	3999m	2.175	ug/l	
26) 2,2-Dichloropropane	4.668	77	1650	0.438	ug/l #	75
27) cis-1,2-Dichloroethene	4.659	96	1383	0.529	ug/l	89
28) Bromochloromethane	4.974	49	817	0.426	ug/l #	47
29) Tetrahydrofuran	5.076	42	2417	2.265	ug/l #	75
30) Chloroform	5.083	83	2712	0.553	ug/l #	81
31) Cyclohexane	5.369	56	5918	1.412	ug/l #	1
32) 1,1,1-Trichloroethane	5.311	97	1861	0.463	ug/l #	49
36) 1,1-Dichloropropene	5.520	75	1649	0.468	ug/l #	78
37) Ethyl Acetate	4.816	43	1808m	0.472	ug/l	
38) Carbon Tetrachloride	5.520	117	1333	0.368	ug/l	98
39) Methylcyclohexane	6.761	83	2086	0.509	ug/l #	91
40) Benzene	5.771	78	4828	0.454	ug/l	96
41) Methacrylonitrile	4.983	41	628	0.339	ug/l #	51

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Quant Time: Jan 20 01:36:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:35:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.797	62	2078	0.541	ug/l	88
43) Isopropyl Acetate	5.916	43	2184	0.409	ug/l #	82
44) Trichloroethene	6.539	130	1196	0.455	ug/l	79
45) 1,2-Dichloropropane	6.787	63	1088	0.397	ug/l	98
46) Dibromomethane	6.916	93	860	0.453	ug/l	97
47) Bromodichloromethane	7.105	83	1838	0.484	ug/l #	88
48) Methyl methacrylate	6.970	41	740	0.304	ug/l	85
49) 1,4-Dioxane	7.041	88	123m	2.611	ug/l	
51) 4-Methyl-2-Pentanone	7.790	43	6664	1.930	ug/l	95
52) Toluene	7.967	92	3024	0.470	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	1773	0.447	ug/l	91
54) cis-1,3-Dichloropropene	7.601	75	1812	0.428	ug/l #	89
55) 1,1,2-Trichloroethane	8.395	97	1214	0.463	ug/l #	85
56) Ethyl methacrylate	8.337	69	1331	0.360	ug/l	97
57) 1,3-Dichloropropane	8.575	76	1954	0.425	ug/l	89
59) 2-Hexanone	8.691	43	5671	2.132	ug/l	92
60) Dibromochloromethane	8.806	129	1157	0.401	ug/l	82
61) 1,2-Dibromoethane	8.919	107	1104	0.401	ug/l	93
64) Tetrachloroethene	8.549	164	1092	0.493	ug/l #	74
65) Chlorobenzene	9.446	112	3437	0.510	ug/l	92
66) 1,1,1,2-Tetrachloroethane	9.526	131	1079	0.427	ug/l #	57
67) Ethyl Benzene	9.568	91	5095	0.447	ug/l	93
68) m/p-Xylenes	9.694	106	3433	0.776	ug/l	92
69) o-Xylene	10.099	106	1763	0.417	ug/l	91
70) Styrene	10.112	104	2715	0.392	ug/l	98
71) Bromoform	10.285	173	917	0.434	ug/l #	87
73) Isopropylbenzene	10.481	105	4184	0.446	ug/l	91
74) N-amyl acetate	10.321	43	1728	0.483	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.780	83	2223	0.597	ug/l #	92
76) 1,2,3-Trichloropropane	10.825	75	2122m	0.546	ug/l	
77) Bromobenzene	10.777	156	1337	0.551	ug/l	98
78) n-propylbenzene	10.903	91	5204	0.471	ug/l	96
79) 2-Chlorotoluene	10.983	91	3234	0.474	ug/l	99
80) 1,3,5-Trimethylbenzene	11.083	105	3434	0.440	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.543	75	307m	0.307	ug/l	
82) 4-Chlorotoluene	11.096	91	3895	0.501	ug/l	99
83) tert-Butylbenzene	11.414	119	3717	0.464	ug/l	89
84) 1,2,4-Trimethylbenzene	11.465	105	3316	0.428	ug/l	96
85) sec-Butylbenzene	11.636	105	4051	0.413	ug/l	93
86) p-Isopropyltoluene	11.790	119	3337	0.400	ug/l	90
87) 1,3-Dichlorobenzene	11.745	146	2559	0.553	ug/l	95
88) 1,4-Dichlorobenzene	11.835	146	2968m	0.624	ug/l	
89) n-Butylbenzene	12.205	91	3071	0.429	ug/l	95
90) Hexachloroethane	12.465	117	672	0.420	ug/l	95
91) 1,2-Dichlorobenzene	12.211	146	2601	0.557	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.999	75	291	0.377	ug/l	84
93) 1,2,4-Trichlorobenzene	13.841	180	1870	0.686	ug/l	86
94) Hexachlorobutadiene	14.021	225	938	0.621	ug/l	81
95) Naphthalene	14.089	128	5772	0.746	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.327	180	1929	0.713	ug/l	89

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

Instrument :

MSVOA_U

ClientSampleId :

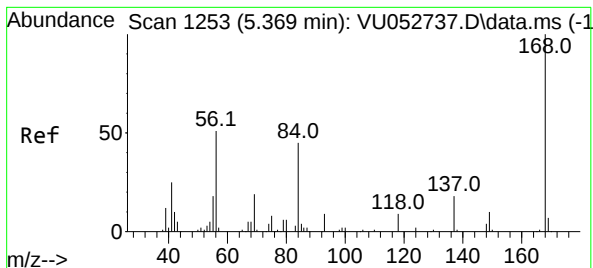
MDL05

Manual Integrations

APPROVED

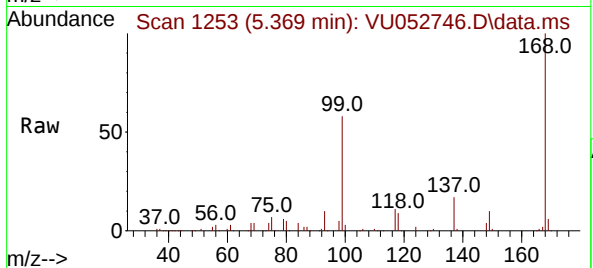
Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

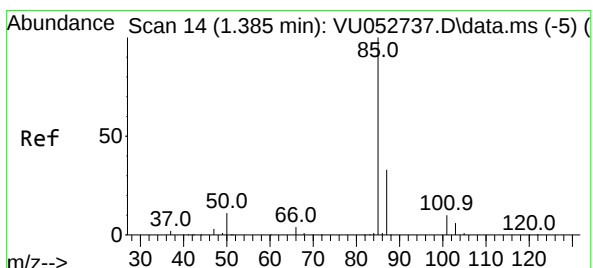
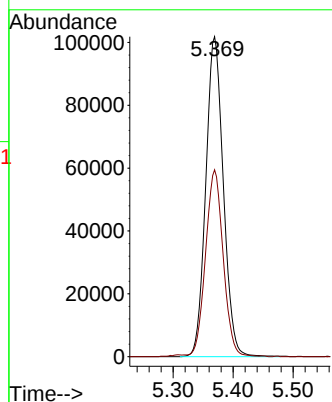
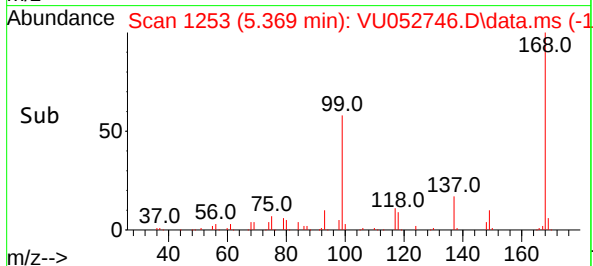
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:168 Resp: 207690
Ion Ratio Lower Upper
168 100
99 58.4 46.4 69.6

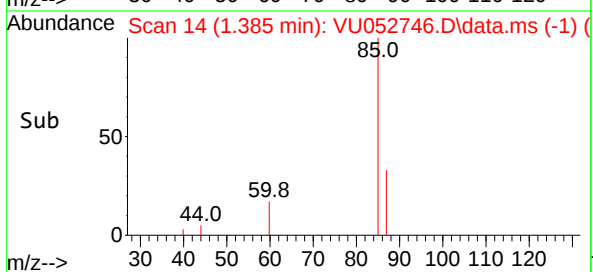
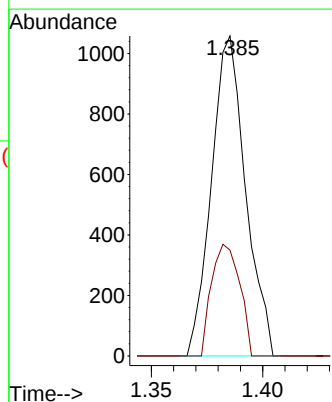
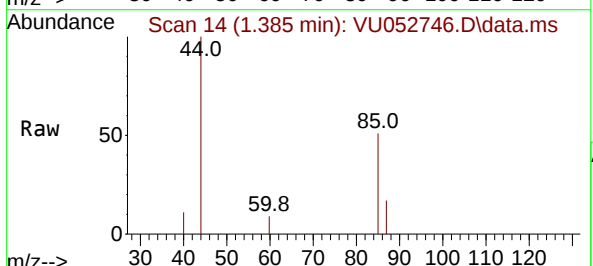
Manual Integrations
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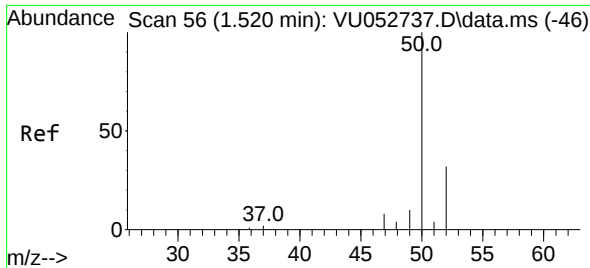
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#2
Dichlorodifluoromethane
Concen: 0.460 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 85 Resp: 1127
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.7





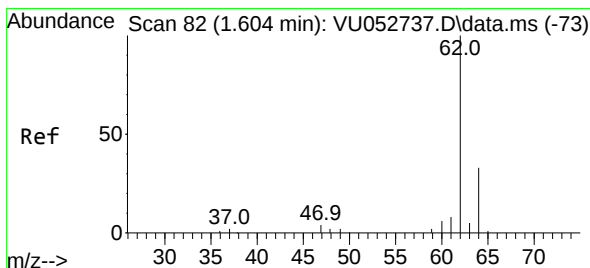
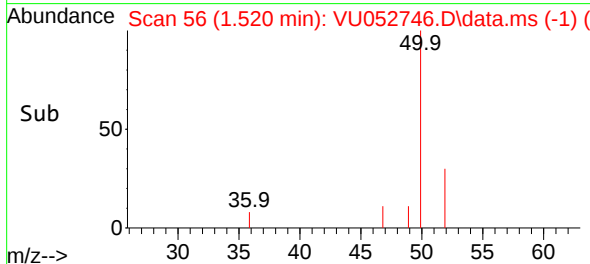
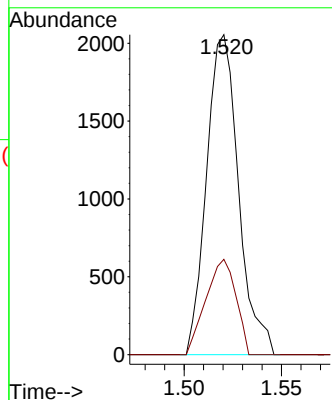
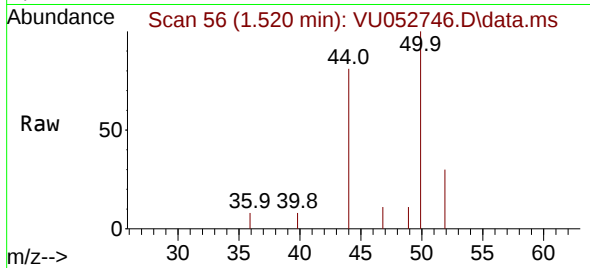
#3
Chloromethane
Concen: 0.931 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 50 Resp: 234
Ion Ratio Lower Upper
50 100
52 29.8 25.8 38.6

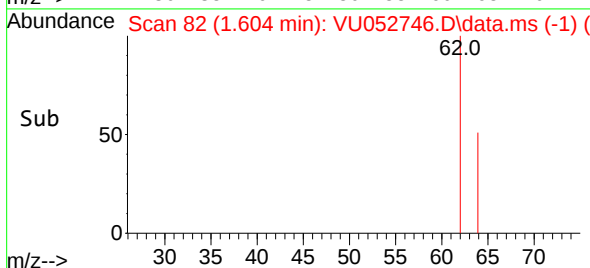
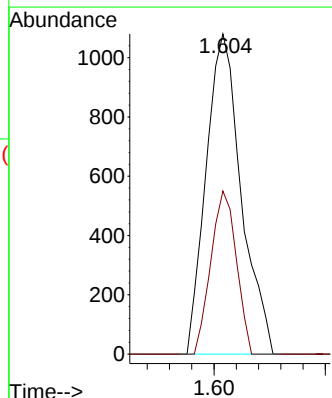
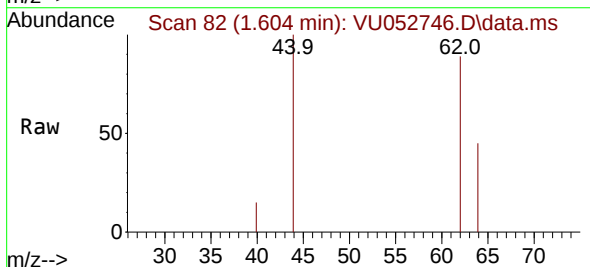
Manual Integrations
APPROVED

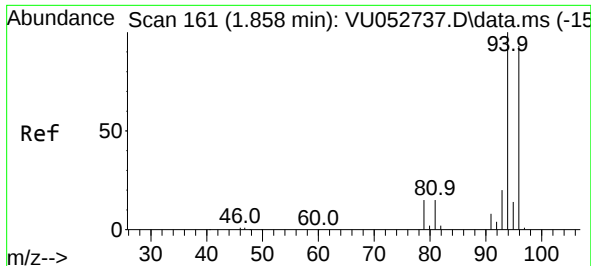
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#4
Vinyl Chloride
Concen: 0.471 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

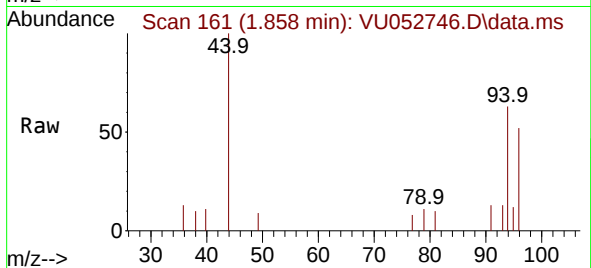
Tgt Ion: 62 Resp: 1181
Ion Ratio Lower Upper
62 100
64 50.9 26.1 39.1#





#5
Bromomethane
Concen: 0.783 ug/l
RT: 1.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

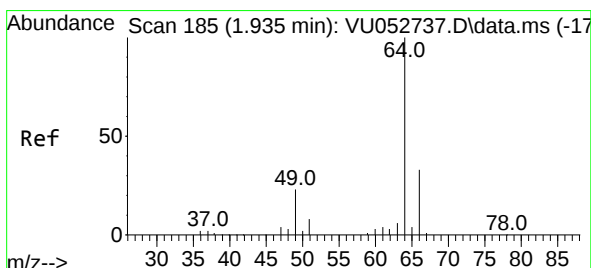
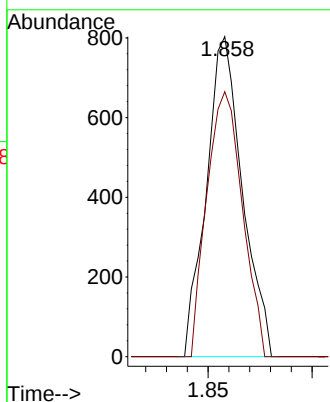
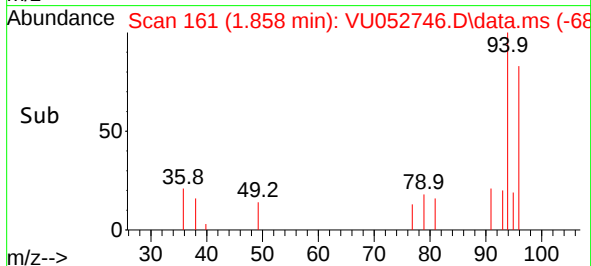
Instrument :
MSVOA_U
ClientSampleId :
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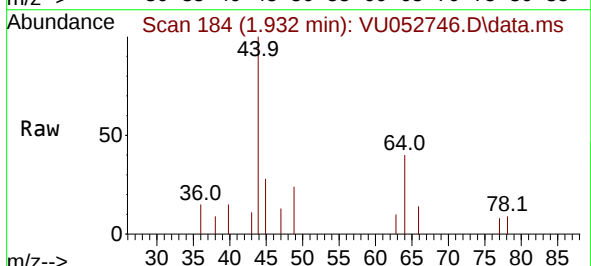
Tgt Ion: 94 Resp: 970
Ion Ratio Lower Upper
94 100
96 82.8 74.3 111.5

Manual Integrations
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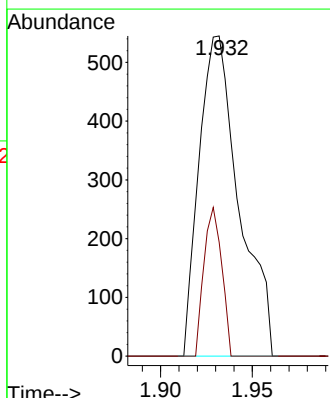
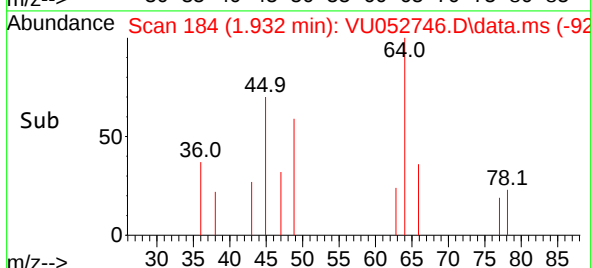
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

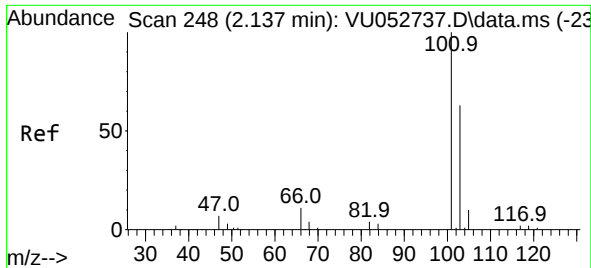


#6
Chloroethane
Concen: 0.522 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



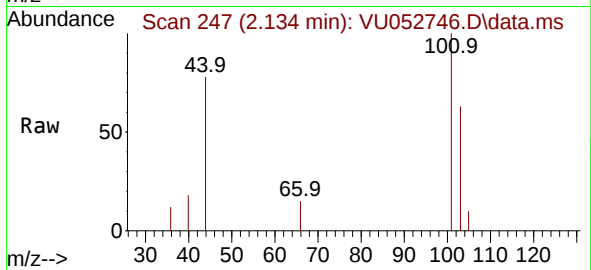
Tgt Ion: 64 Resp: 828
Ion Ratio Lower Upper
64 100
66 35.6 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 0.432 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

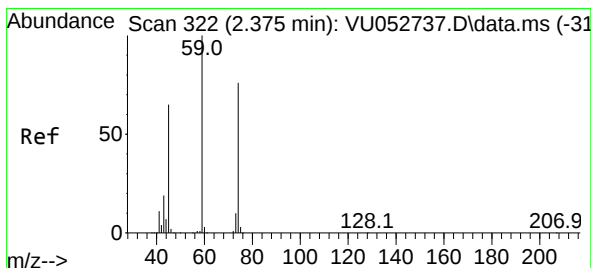
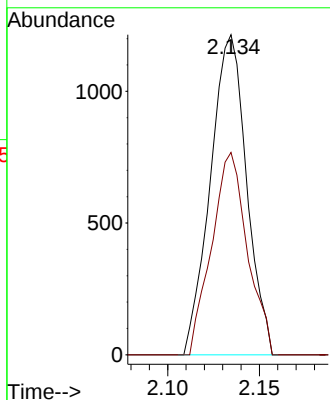
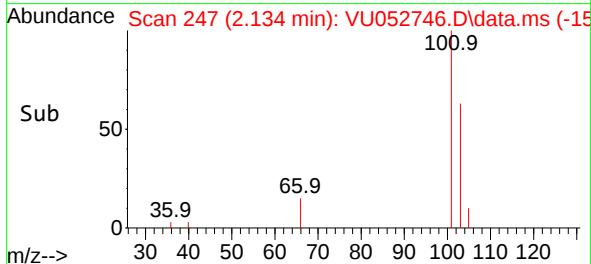
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05



Tgt Ion:101 Resp: 166
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.7 76.1

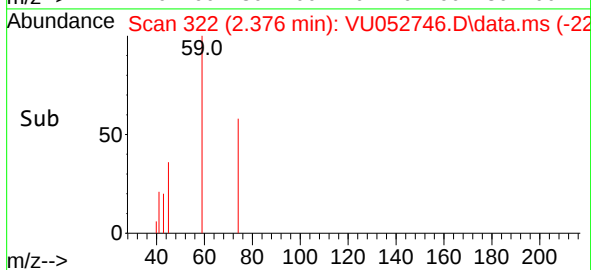
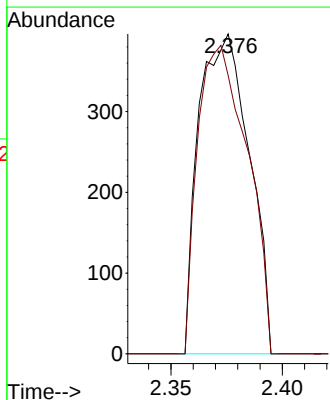
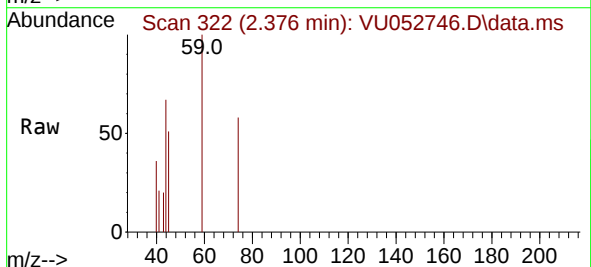
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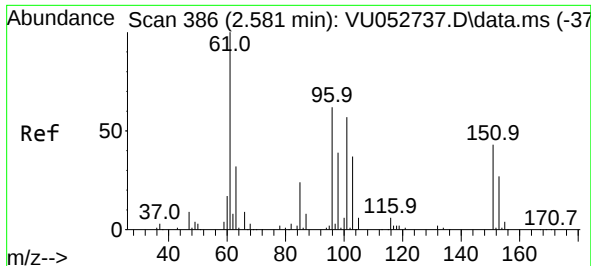
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#8
 Diethyl Ether
 Concen: 0.444 ug/l
 RT: 2.376 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

Tgt Ion: 74 Resp: 624
 Ion Ratio Lower Upper
 74 100
 45 94.9 42.4 127.3





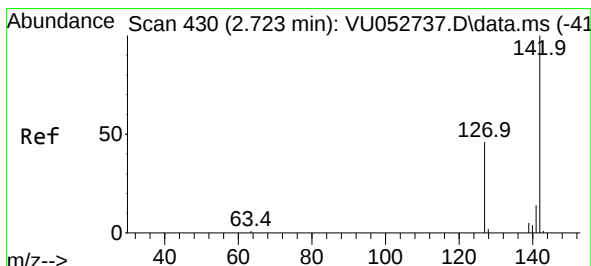
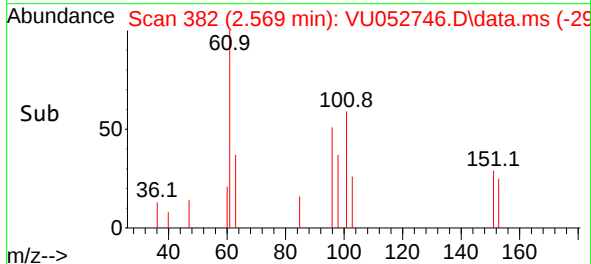
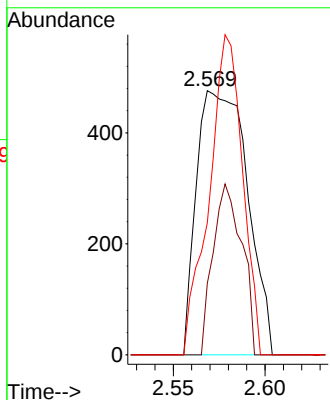
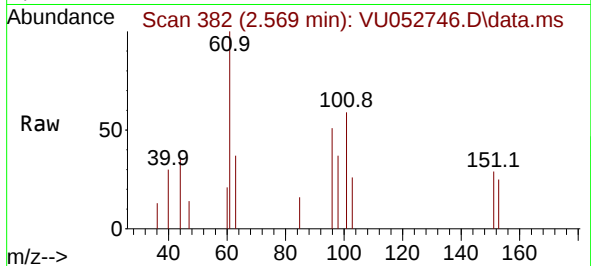
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1,1,2-Trichlorotrifluoroethane
Concen: 0.410 ug/l
RT: 2.569 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 910
Ion Ratio Lower Upper
101 100
85 36.7 35.1 52.7
151 79.7 61.9 92.9

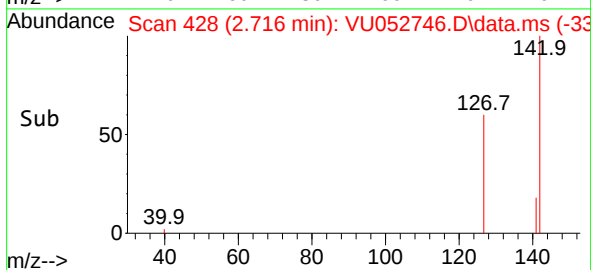
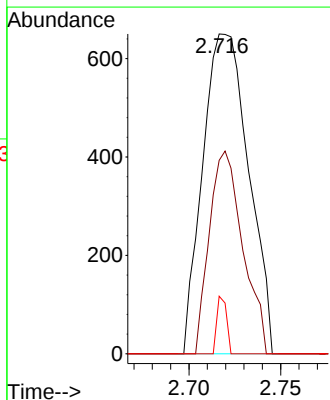
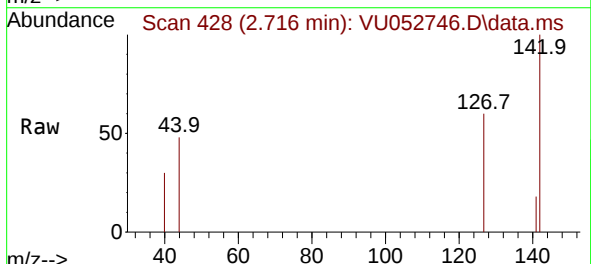
Manual Integrations
APPROVED

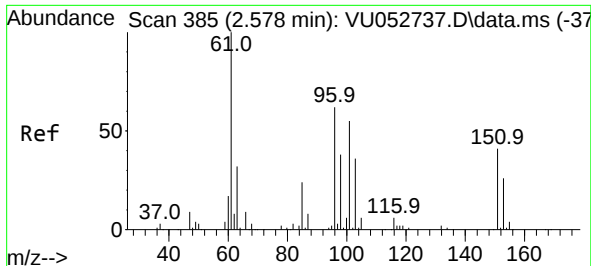
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#10
Methyl Iodide
Concen: 0.617 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.007 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:142 Resp: 1133
Ion Ratio Lower Upper
142 100
127 46.2 36.3 54.5
141 3.7 11.8 17.6#





#12

1,1-Dichloroethene

Concen: 0.461 ug/l

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

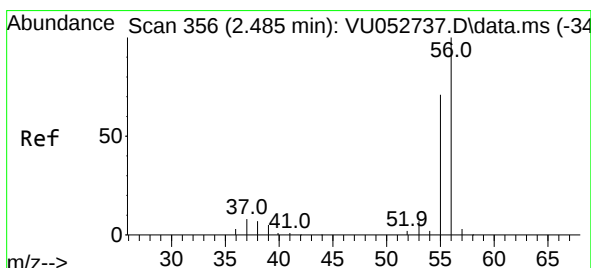
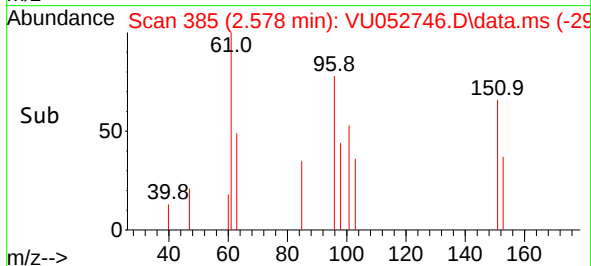
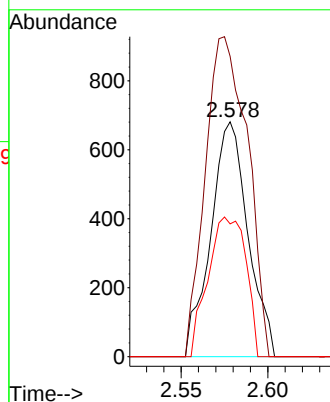
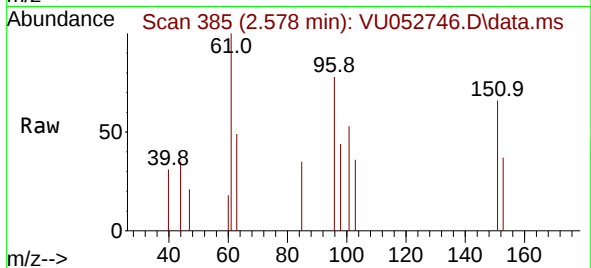
Tgt Ion:	96	Resp:	1018
Ion	Ratio	Lower	Upper
96	100		
61	127.9	129.8	194.6
98	56.5	49.9	74.9

Manual Integrations

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Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#13

Acrolein

Concen: 2.357 ug/l

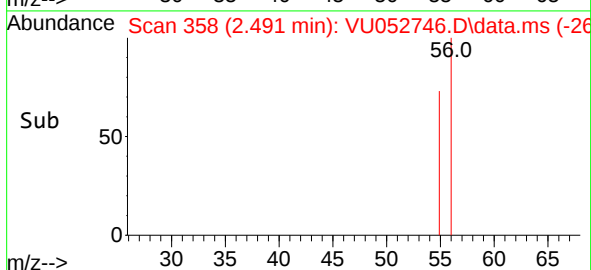
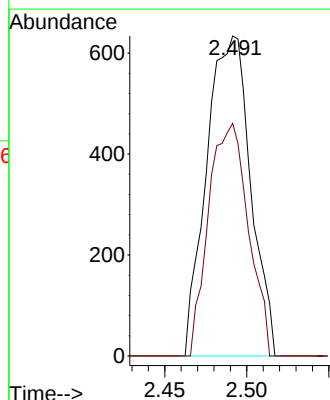
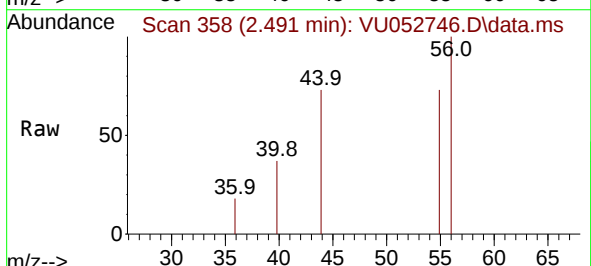
RT: 2.491 min Scan# 358

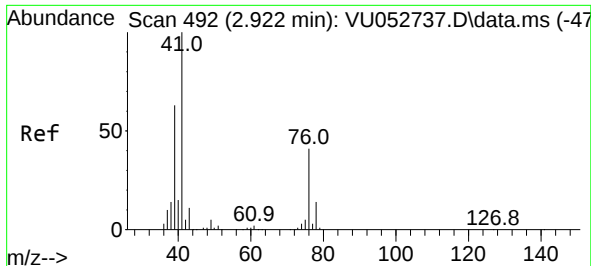
Delta R.T. 0.006 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

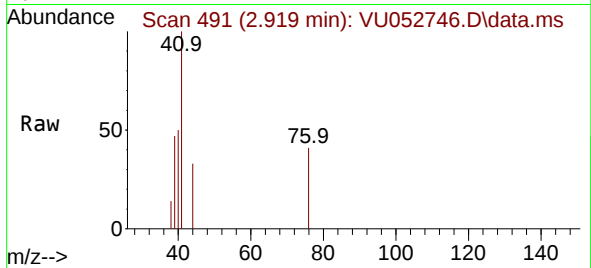
Tgt Ion:	56	Resp:	1181
Ion	Ratio	Lower	Upper
56	100		
55	65.6	57.2	85.8





#14
 Allyl chloride
 Concen: 0.335 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

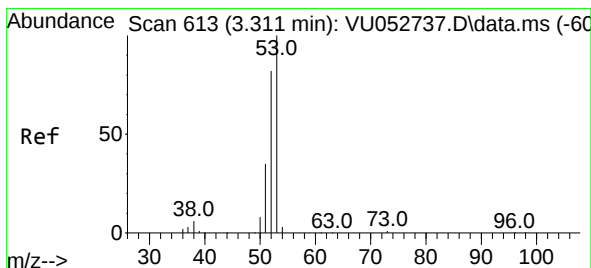
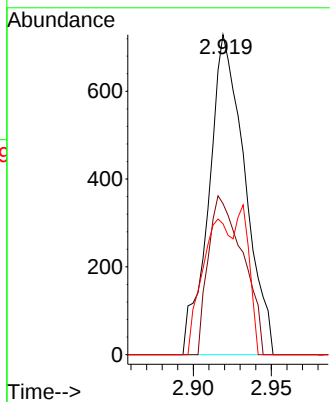
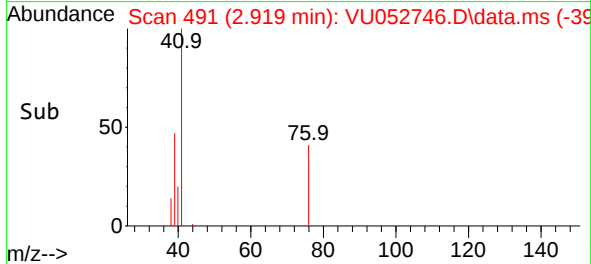
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05



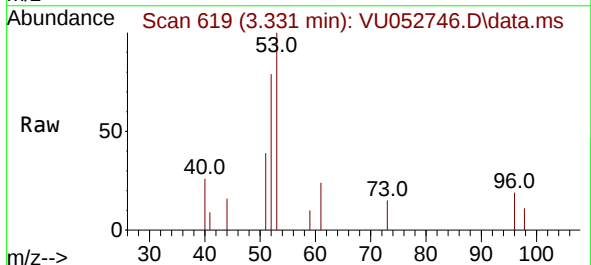
Tgt Ion: 41 Resp: 1164
 Ion Ratio Lower Upper
 41 100
 39 48.1 48.2 72.2
 76 35.3 29.4 44.0

Manual Integrations
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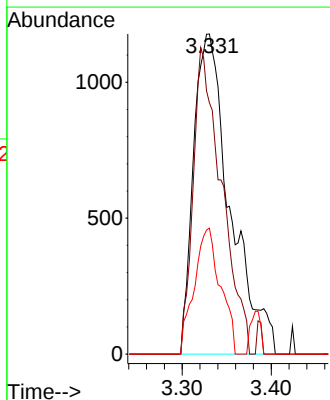
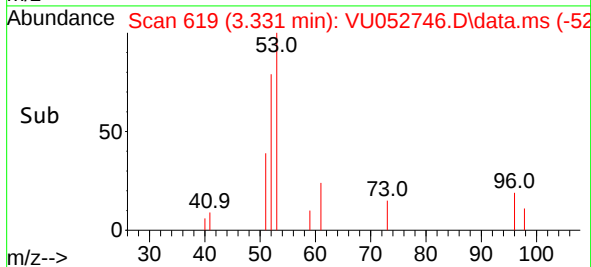
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

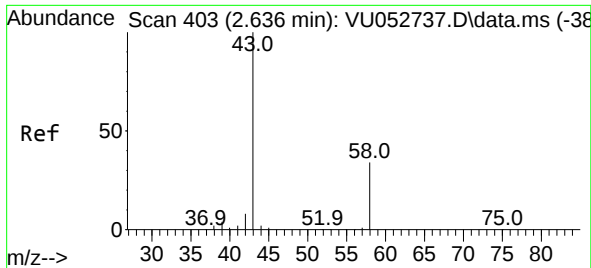


#15
 Acrylonitrile
 Concen: 2.391 ug/l
 RT: 3.331 min Scan# 619
 Delta R.T. 0.020 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31



Tgt Ion: 53 Resp: 3362
 Ion Ratio Lower Upper
 53 100
 52 74.1 64.9 97.3
 51 28.2 27.6 41.4





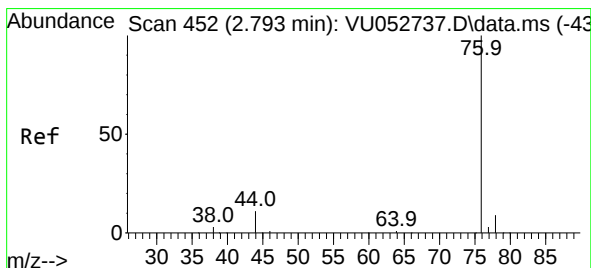
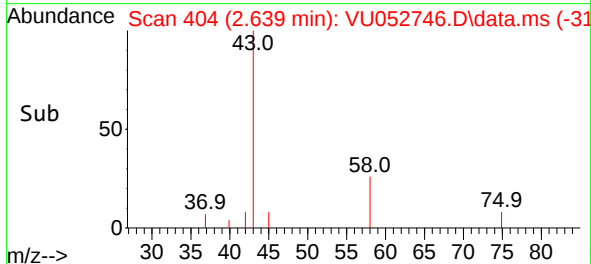
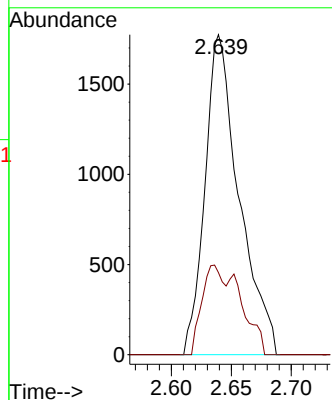
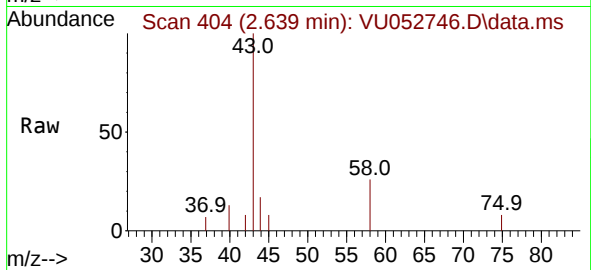
#16
Acetone
Concen: 2.461 ug/l
RT: 2.639 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 3509
Ion Ratio Lower Upper
43 100
58 25.6 27.1 40.7

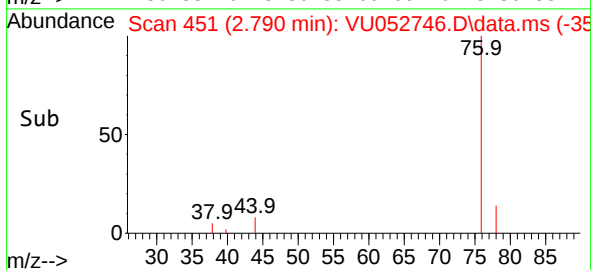
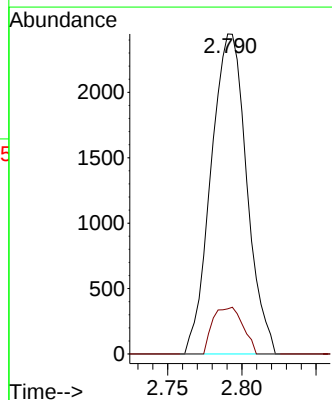
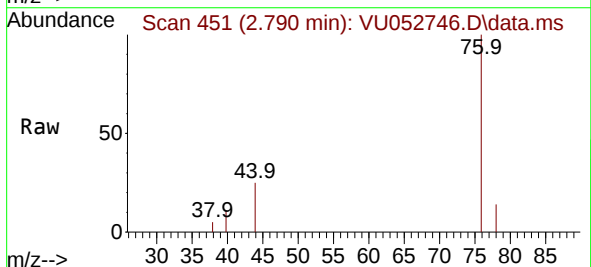
Manual Integrations
APPROVED

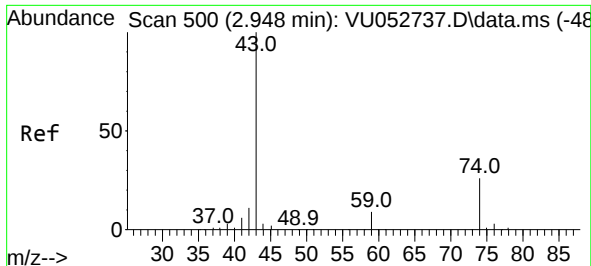
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#17
Carbon Disulfide
Concen: 0.617 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

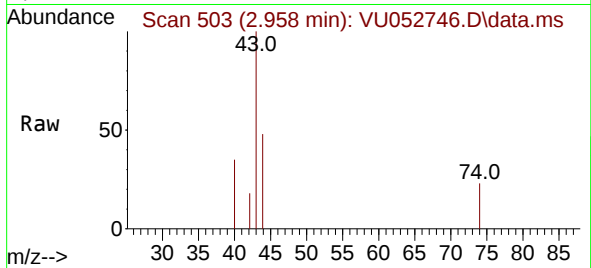
Tgt Ion: 76 Resp: 4086
Ion Ratio Lower Upper
76 100
78 14.1 7.4 11.2





#18
Methyl Acetate
Concen: 0.449 ug/l
RT: 2.958 min Scan# 500
Delta R.T. 0.010 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

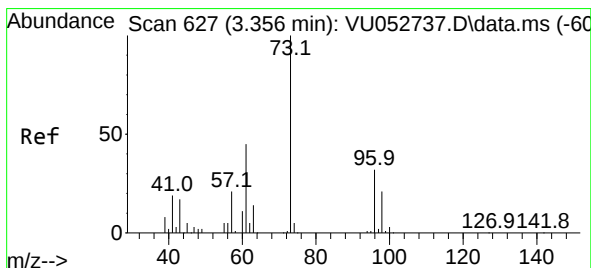
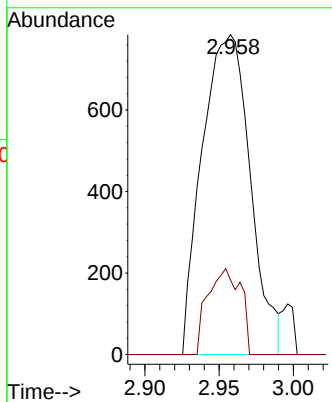
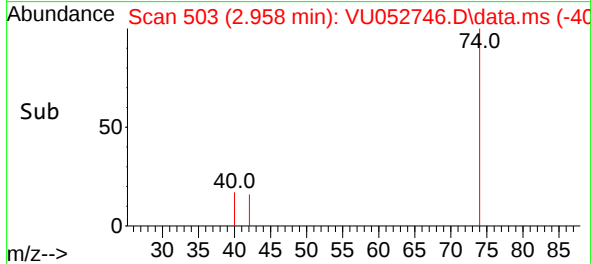
Instrument :
MSVOA_U
Client SampleId :
MDL05



Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
74 18.3 21.1 31.7

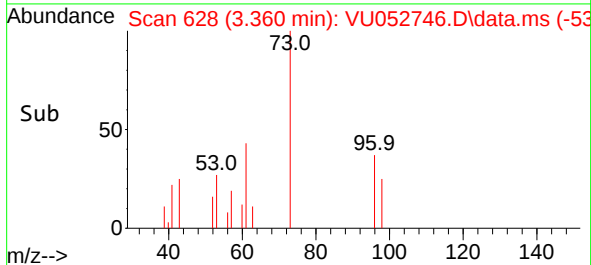
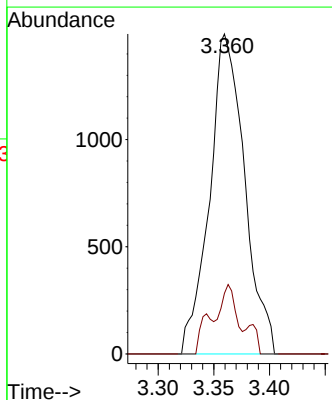
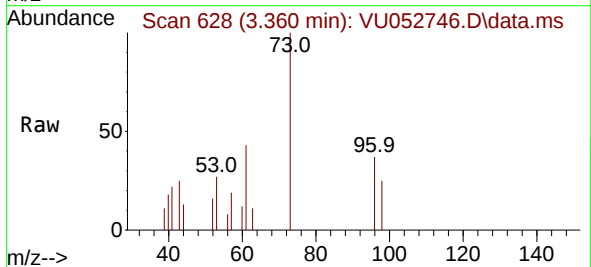
Manual Integrations
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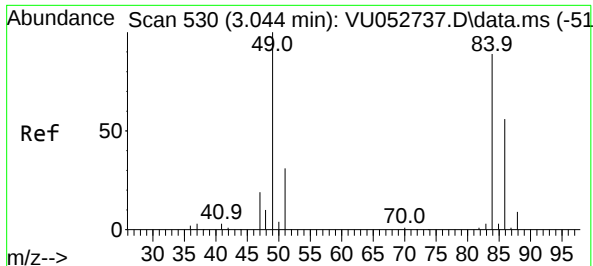
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#19
Methyl tert-butyl Ether
Concen: 0.436 ug/l
RT: 3.360 min Scan# 628
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

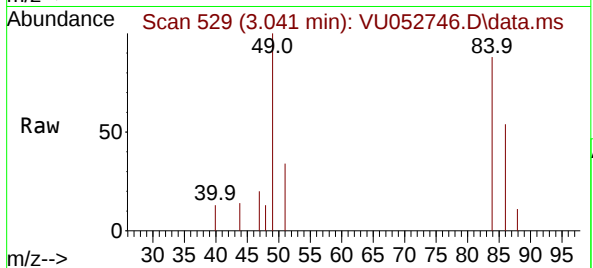
Tgt Ion: 73 Resp: 3265
Ion Ratio Lower Upper
73 100
57 19.0 16.9 25.3





#20
Methylene Chloride
Concen: 0.801 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

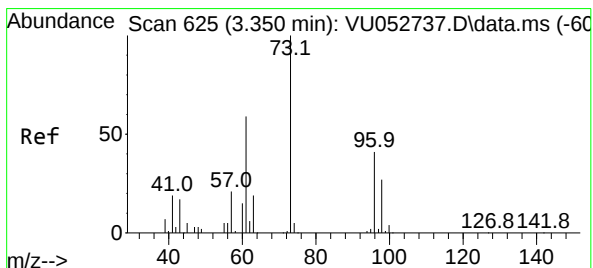
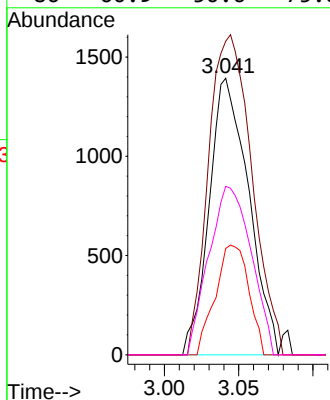
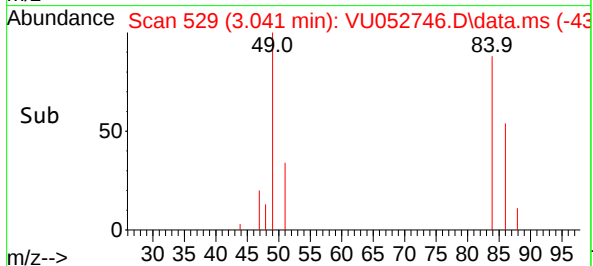
Instrument :
MSVOA_U
ClientSampleId :
MDL05



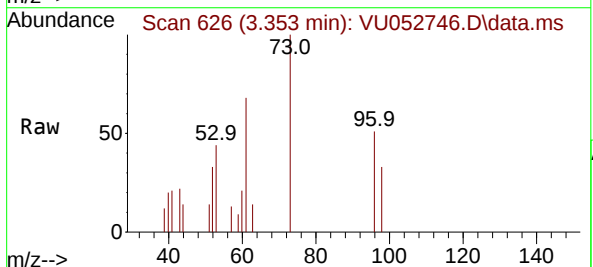
Tgt Ion: 84 Resp: 257
Ion Ratio Lower Upper
84 100
49 113.3 90.2 135.4
51 38.5 28.1 42.1
86 60.9 50.6 75.8

Manual Integrations
APPROVED

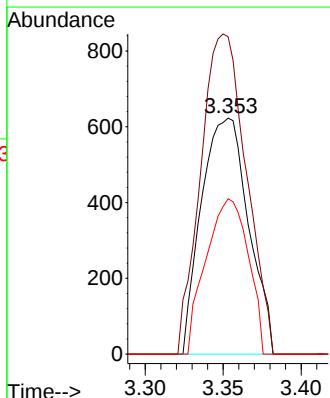
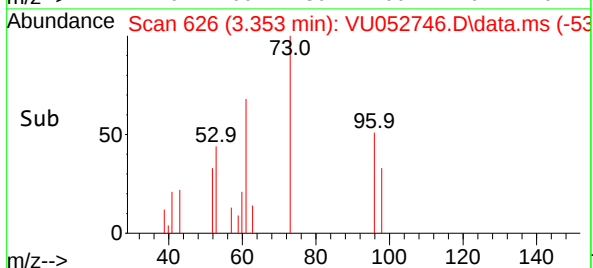
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

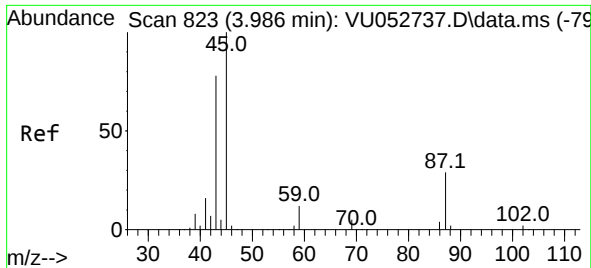


#21
trans-1,2-Dichloroethene
Concen: 0.550 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



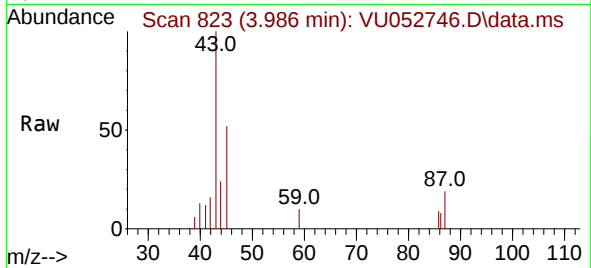
Tgt Ion: 96 Resp: 1310
Ion Ratio Lower Upper
96 100
61 134.5 114.7 172.1
98 65.8 52.4 78.6





#22
Diisopropyl ether
Concen: 0.400 ug/l
RT: 3.986 min Scan# 816
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

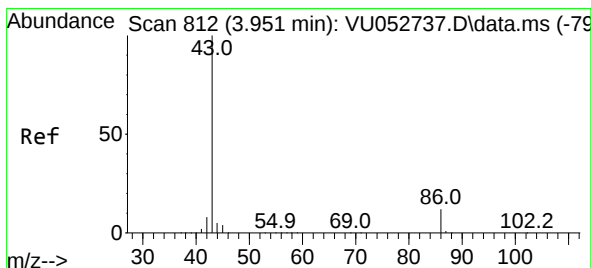
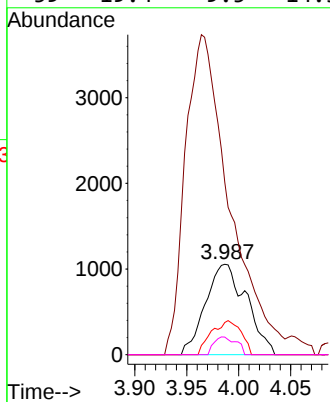
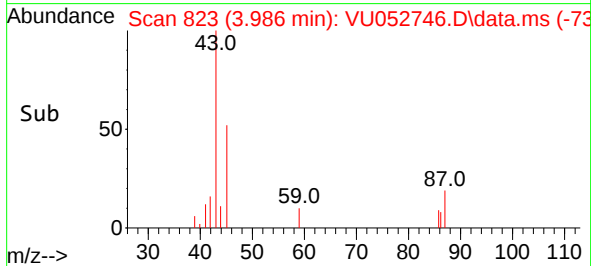
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 45 Resp: 289
Ion Ratio Lower Upper
45 100
43 166.1 64.6 97.0
87 35.6 23.2 34.8
59 19.4 9.5 14.3

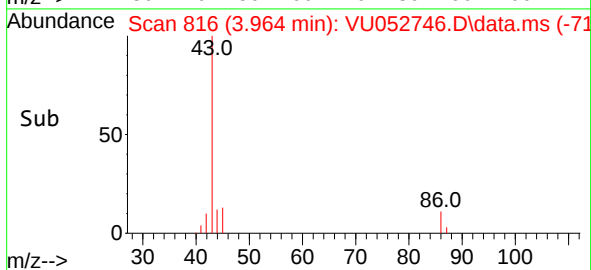
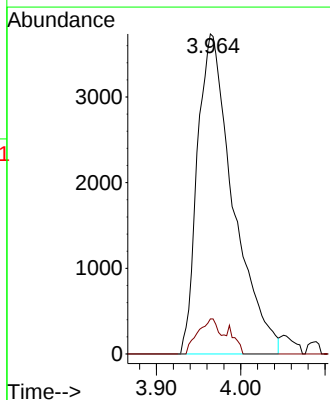
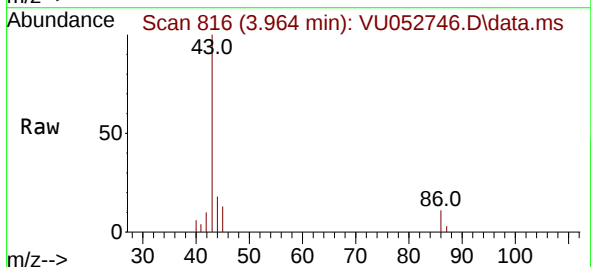
Manual Integrations
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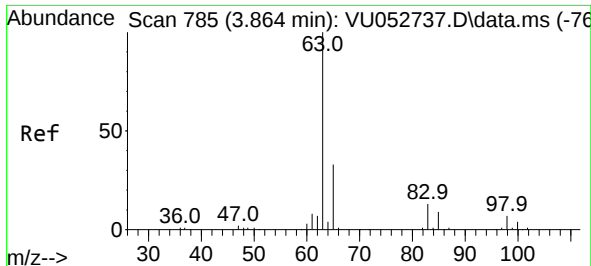
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#23
Vinyl Acetate
Concen: 1.983 ug/l
RT: 3.964 min Scan# 816
Delta R.T. 0.013 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

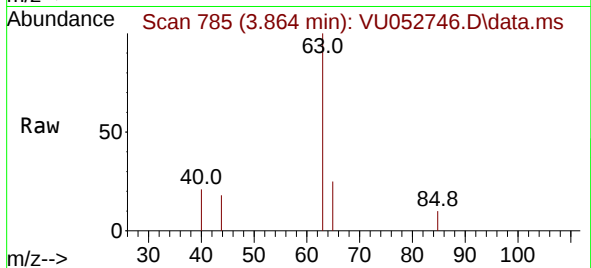
Tgt Ion: 43 Resp: 11009
Ion Ratio Lower Upper
43 100
86 11.0 9.4 14.0





#24
1,1-Dichloroethane
Concen: 0.476 ug/l
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

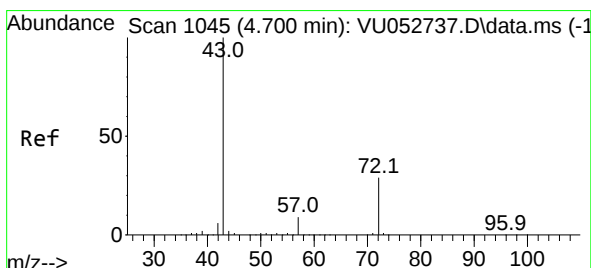
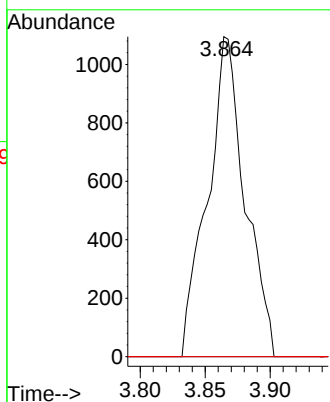
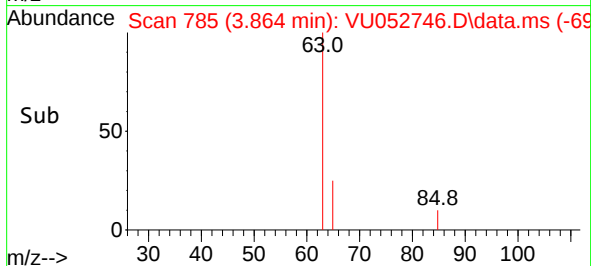
Instrument :
MSVOA_U
ClientSampleId :
MDL05



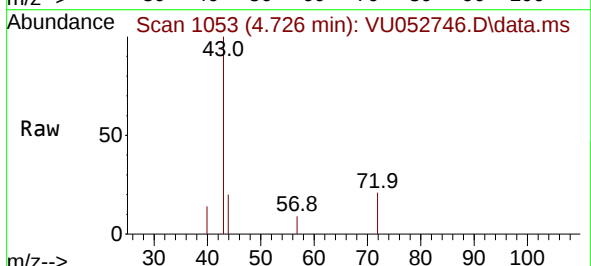
Tgt Ion: 63 Resp: 2180
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9
100 0.0 2.2 6.6

Manual Integrations
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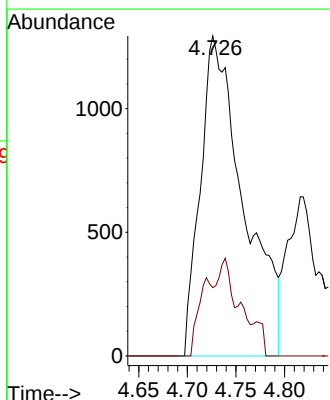
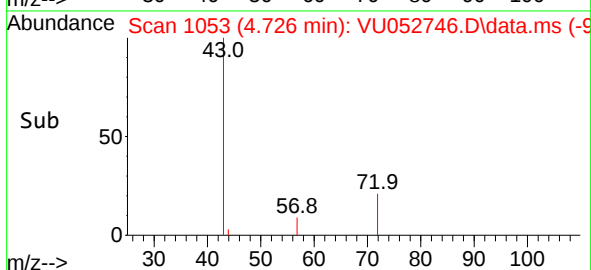
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

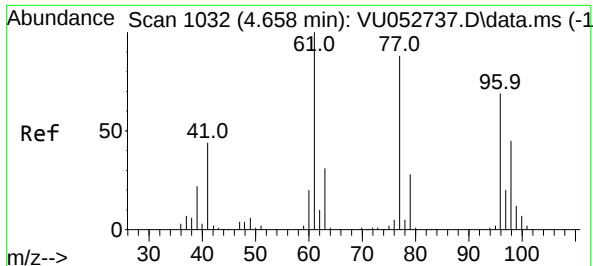


#25
2-Butanone
Concen: 2.175 ug/l m
RT: 4.726 min Scan# 1053
Delta R.T. 0.026 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



Tgt Ion: 43 Resp: 3999
Ion Ratio Lower Upper
43 100
72 21.3 23.3 34.9





#26

2,2-Dichloropropane

Concen: 0.438 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.010 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 77 Resp: 1650

Ion Ratio Lower Upper

77 100

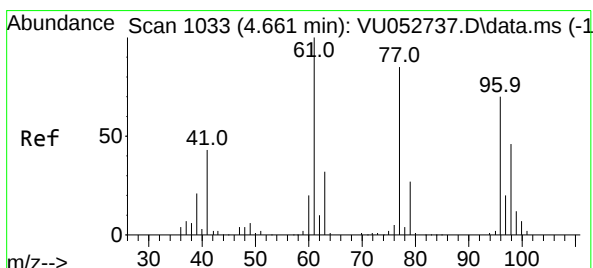
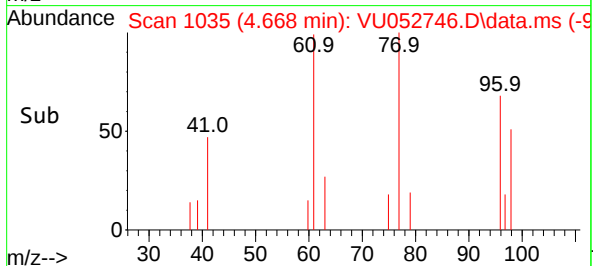
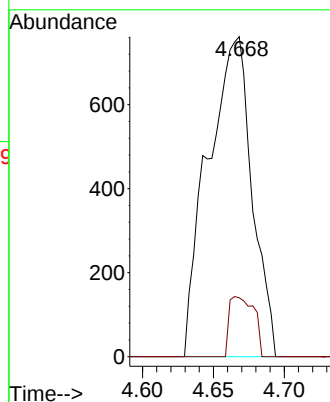
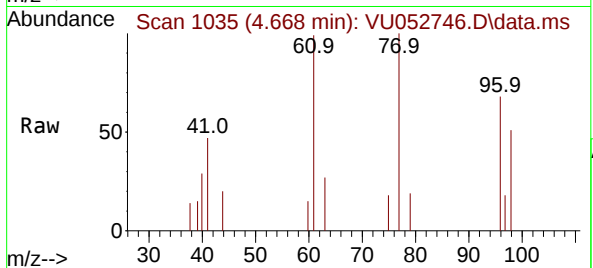
97 10.5 11.3 33.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#27

cis-1,2-Dichloroethene

Concen: 0.529 ug/l

RT: 4.659 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

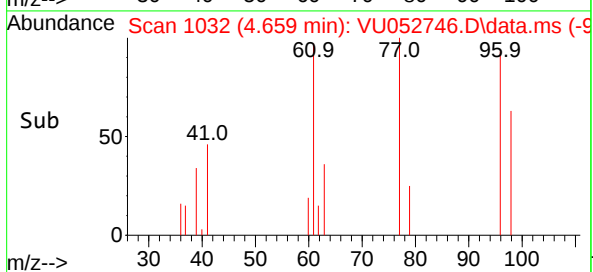
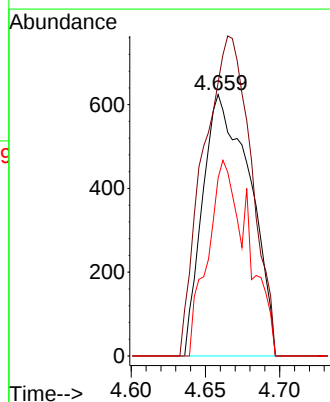
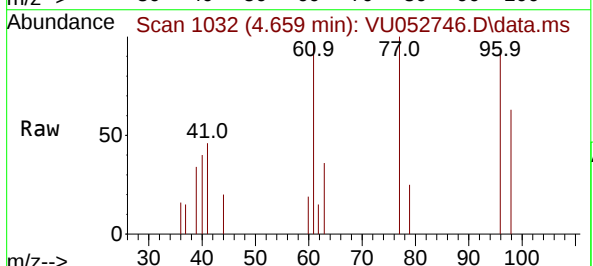
Tgt Ion: 96 Resp: 1383

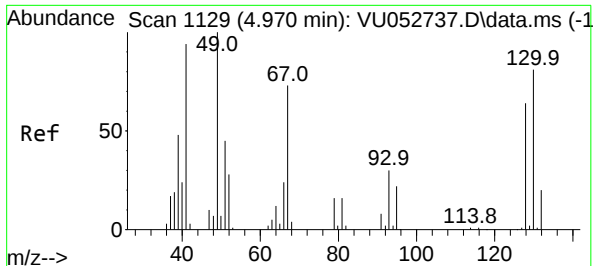
Ion Ratio Lower Upper

96 100

61 123.9 0.0 287.2

98 63.9 0.0 128.4





#28

Bromochloromethane

Concen: 0.426 ug/l

RT: 4.974 min Scan# 1129

Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 49 Resp: 81

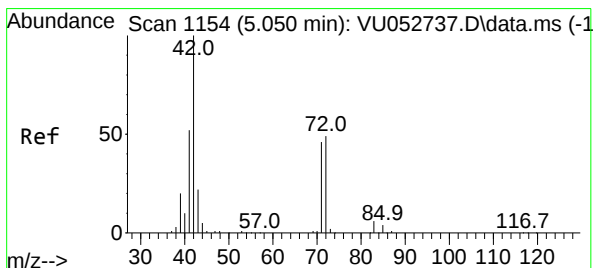
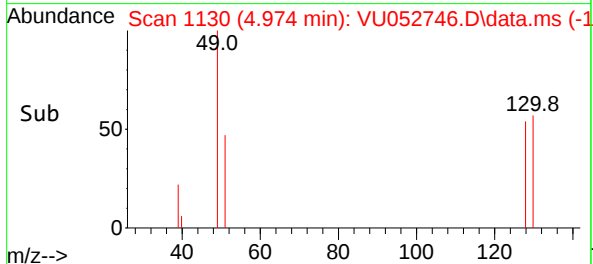
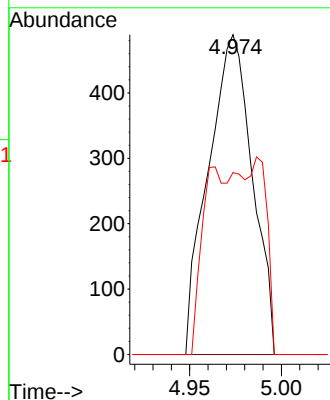
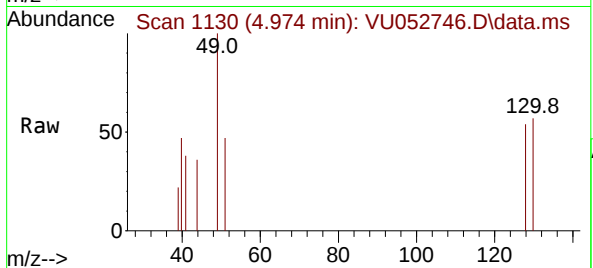
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	33.8	65.5	98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#29

Tetrahydrofuran

Concen: 2.265 ug/l

RT: 5.076 min Scan# 1162

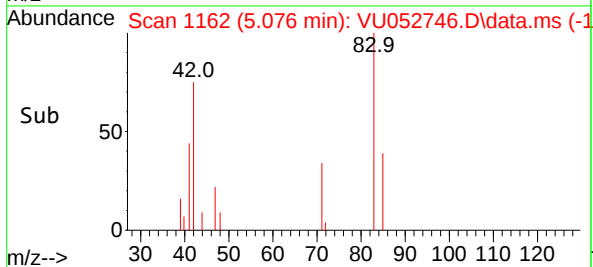
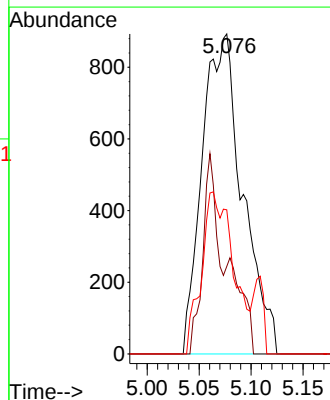
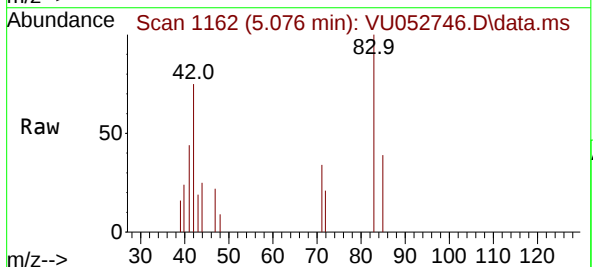
Delta R.T. 0.026 min

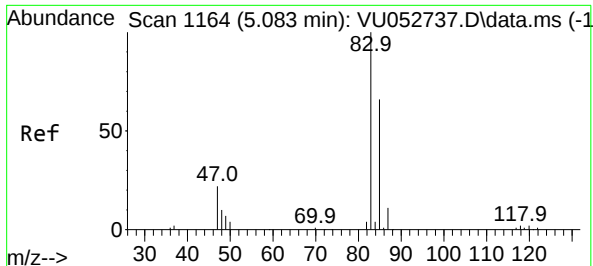
Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Tgt Ion: 42 Resp: 2417

Ion	Ratio	Lower	Upper
42	100		
72	23.5	40.5	60.7
71	39.9	37.4	56.0





#30

Chloroform

Concen: 0.553 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 83 Resp: 2712

Ion Ratio Lower Upper

83 100

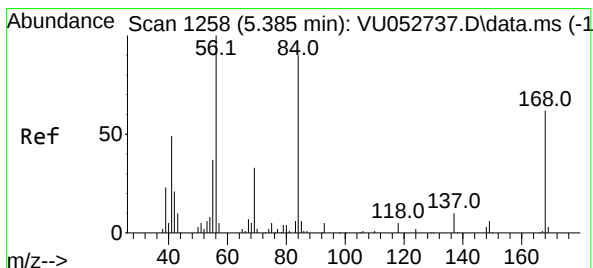
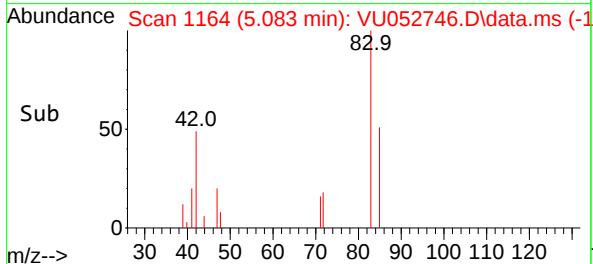
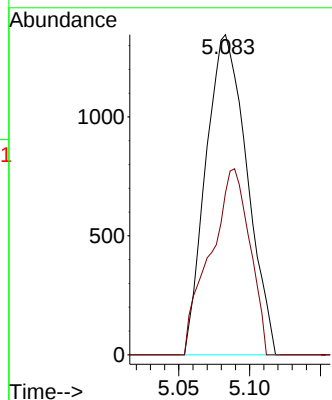
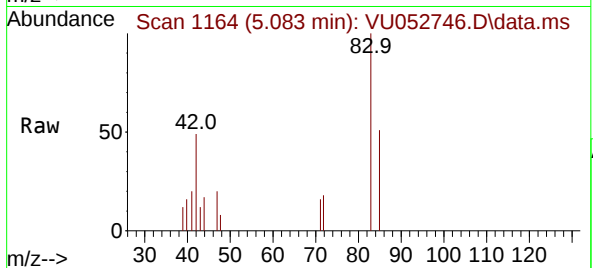
85 50.6 52.6 79.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#31

Cyclohexane

Concen: 1.412 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.016 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

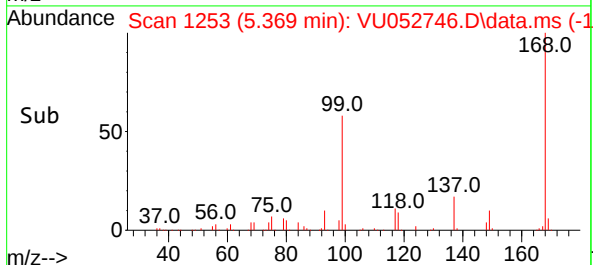
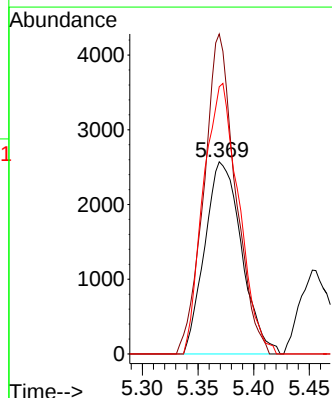
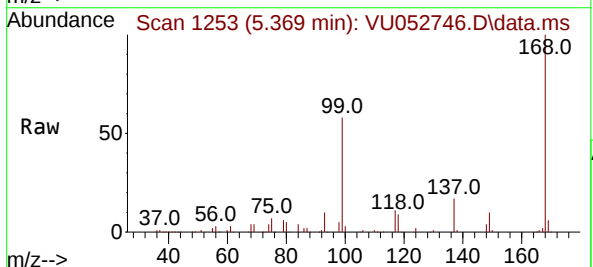
Tgt Ion: 56 Resp: 5918

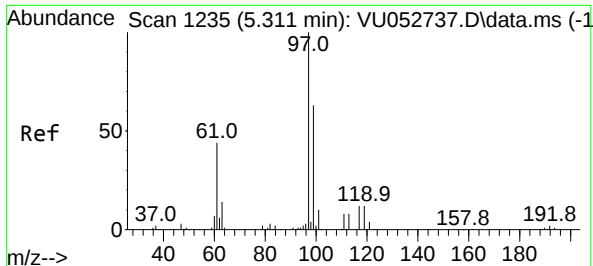
Ion Ratio Lower Upper

56 100

69 166.5 26.2 39.2#

84 139.1 72.2 108.4#





#32

1,1,1-Trichloroethane

Concen: 0.463 ug/l

RT: 5.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 97 Resp: 186

Ion Ratio Lower Upper

97 100

99 0.0 50.5 75.7

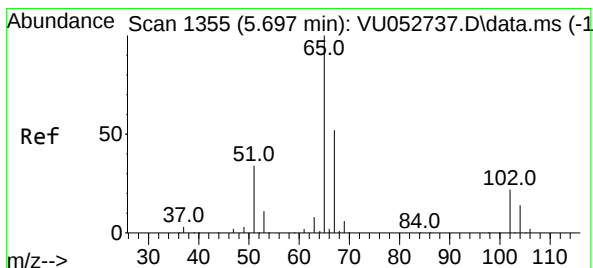
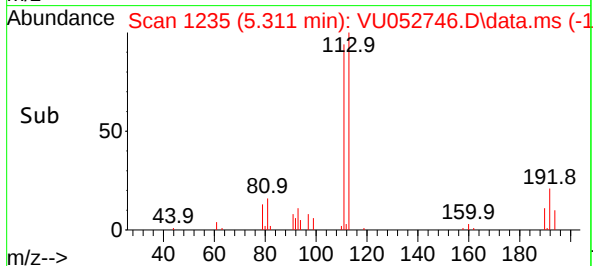
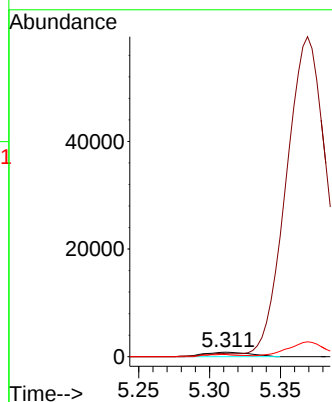
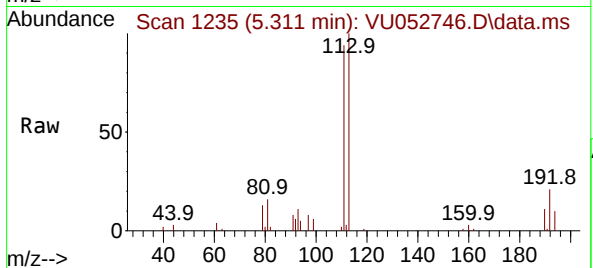
61 38.5 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#33

1,2-Dichloroethane-d4

Concen: 51.187 ug/l

RT: 5.694 min Scan# 1354

Delta R.T. -0.003 min

Lab File: VU052746.D

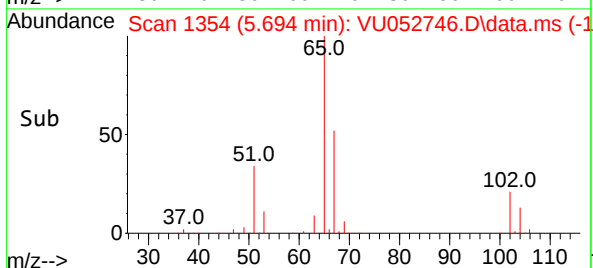
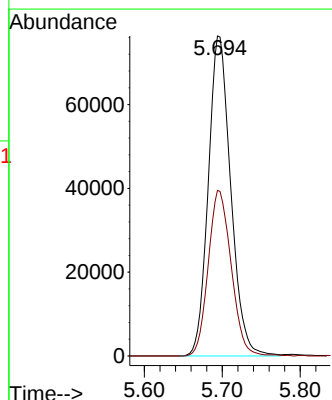
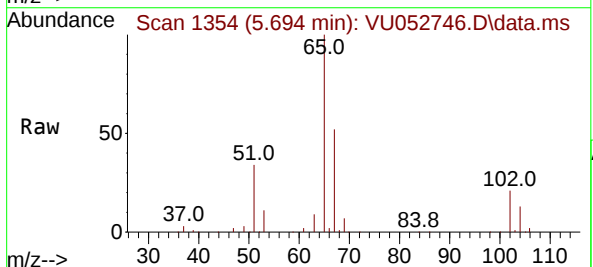
Acq: 19 Jan 2023 19:31

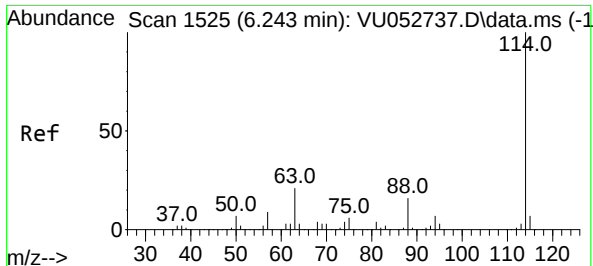
Tgt Ion: 65 Resp: 153106

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.6





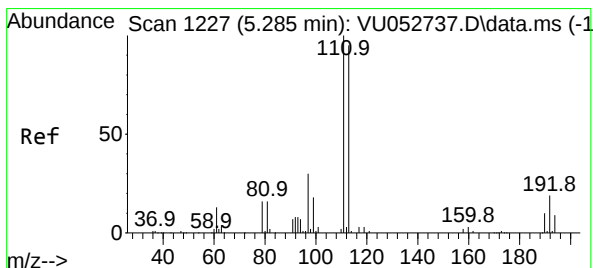
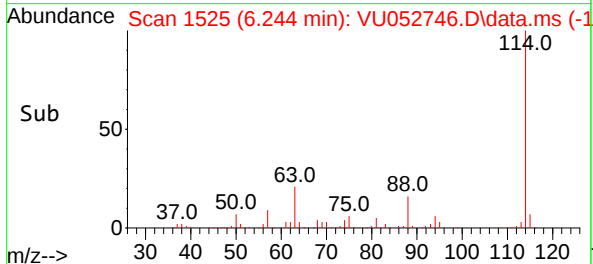
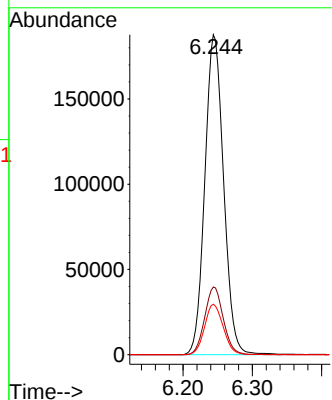
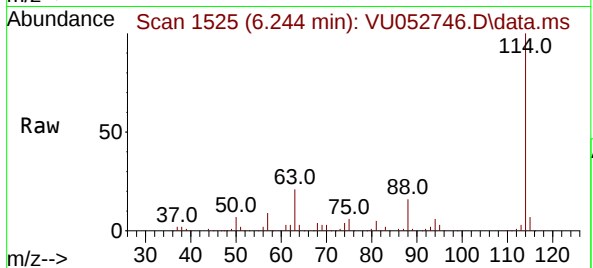
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.244 min Scan# 1114
Delta R.T. 0.001 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:114 Resp: 352409
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.7 0.0 32.8

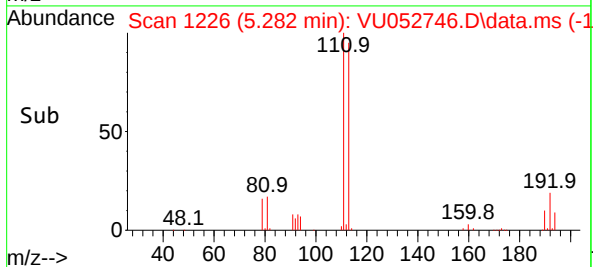
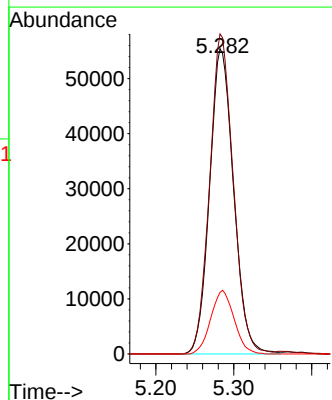
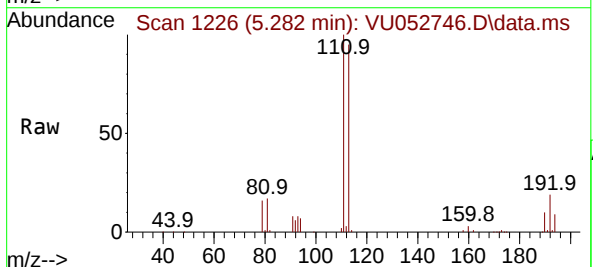
Manual Integrations
APPROVED

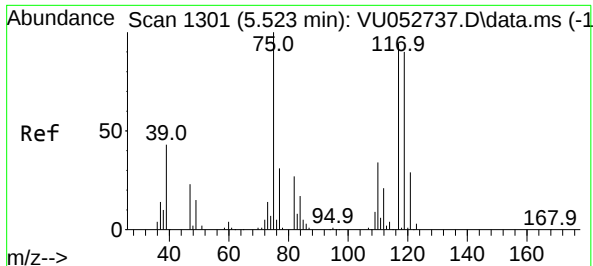
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#35
Dibromofluoromethane
Concen: 48.310 ug/l
RT: 5.282 min Scan# 1226
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:113 Resp: 118547
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 20.3 15.7 23.5





#36

1,1-Dichloropropene

Concen: 0.468 ug/l

RT: 5.520 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

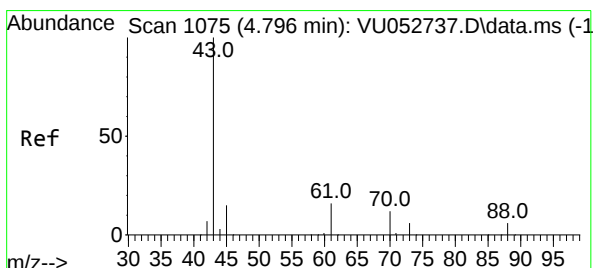
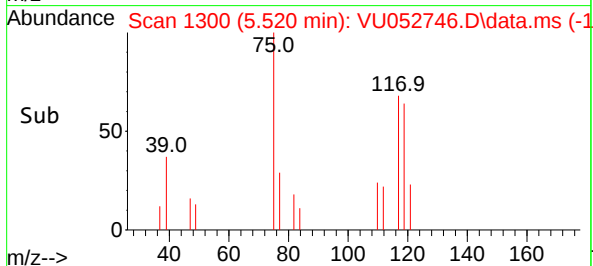
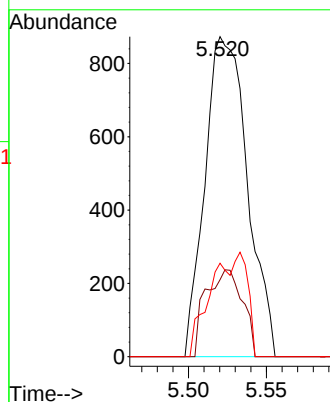
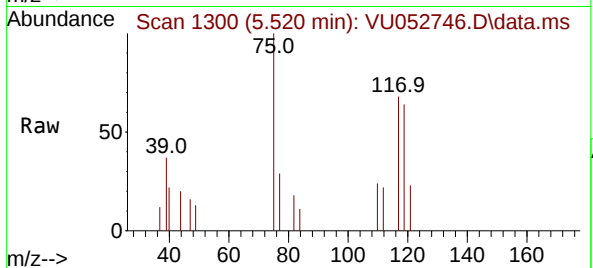
Tgt Ion:	75	Resp:	1649
Ion	Ratio	Lower	Upper
75	100		
110	23.4	17.1	51.2
77	17.0	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#37

Ethyl Acetate

Concen: 0.472 ug/l m

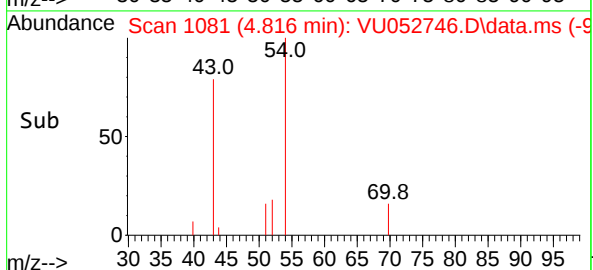
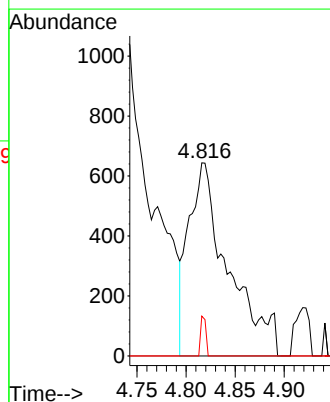
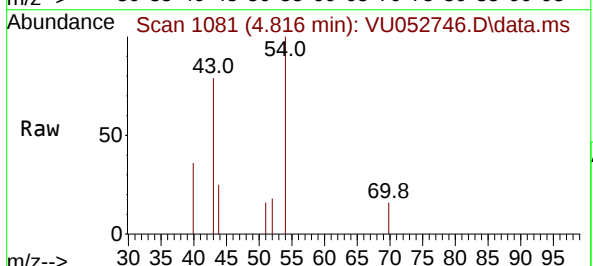
RT: 4.816 min Scan# 1081

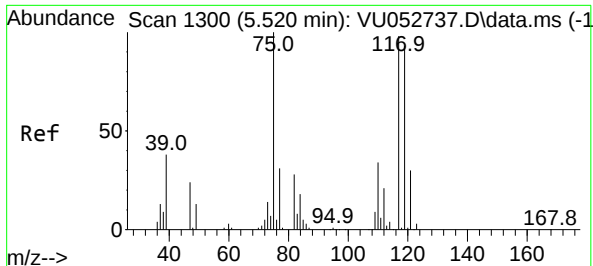
Delta R.T. 0.020 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

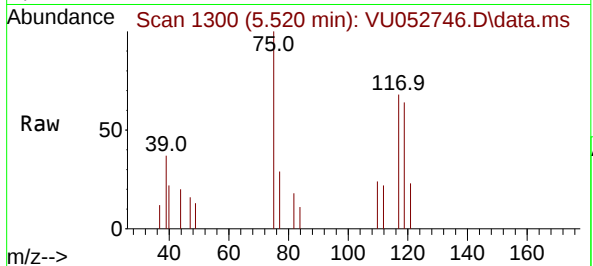
Tgt Ion:	43	Resp:	1808
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	2.7	8.9	13.3#





#38
Carbon Tetrachloride
Concen: 0.368 ug/l
RT: 5.520 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

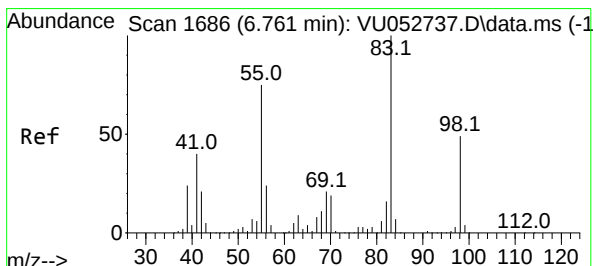
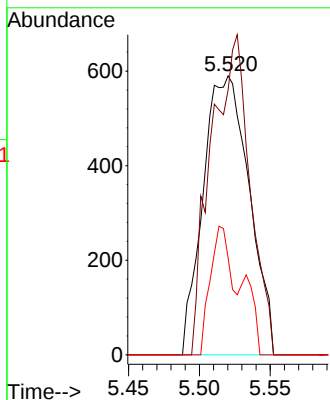
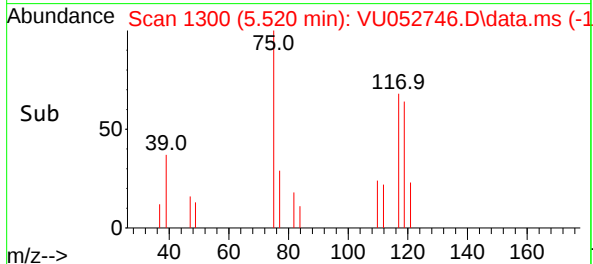
Instrument :
MSVOA_U
ClientSampleId :
MDL05



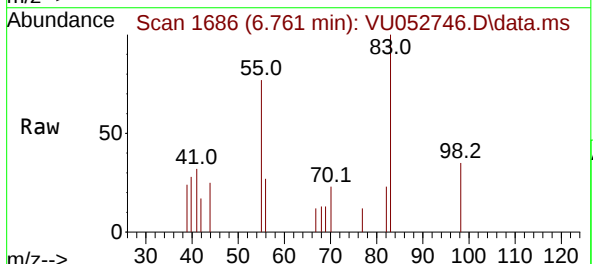
Tgt Ion: 117 Resp: 133
Ion Ratio Lower Upper
117 100
119 94.9 75.6 113.4
121 34.7 24.2 36.4

Manual Integrations
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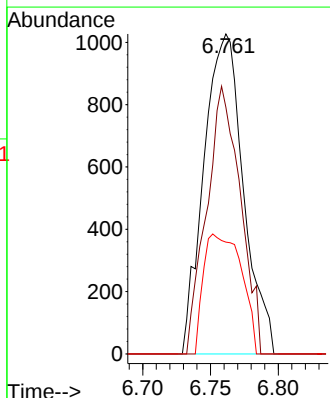
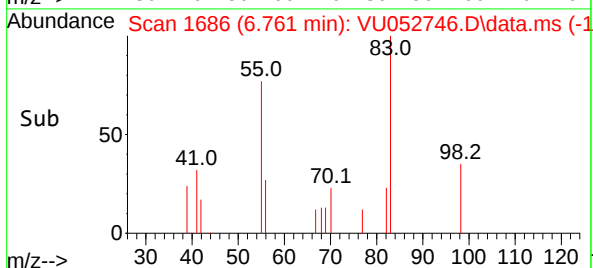
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

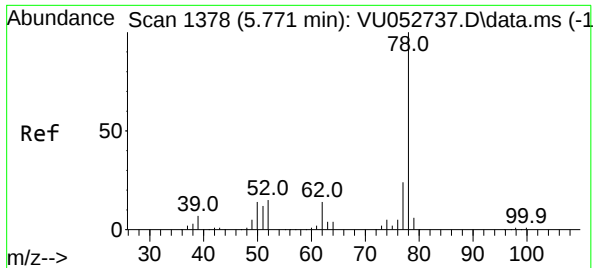


#39
Methylcyclohexane
Concen: 0.509 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



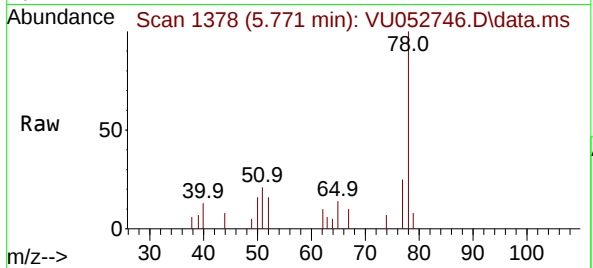
Tgt Ion: 83 Resp: 2086
Ion Ratio Lower Upper
83 100
55 77.1 60.4 90.6
98 35.0 38.9 58.3#





#40
Benzene
Concen: 0.454 ug/l
RT: 5.771 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

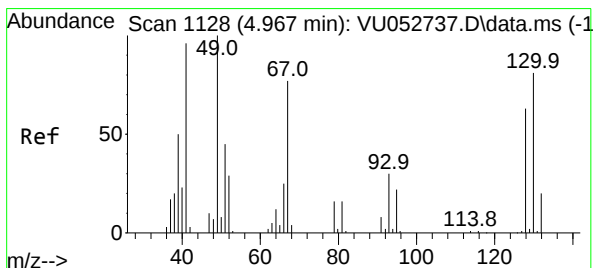
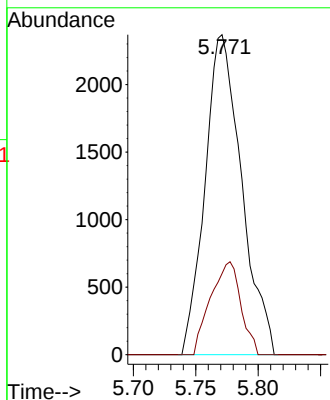
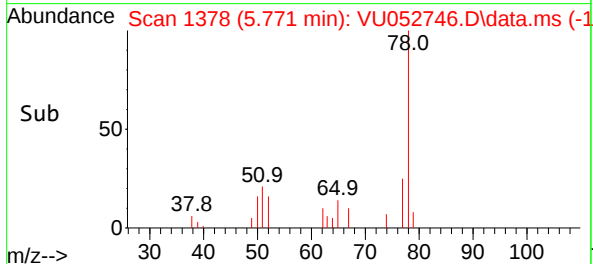
Instrument :
MSVOA_U
ClientSampleId :
MDL05



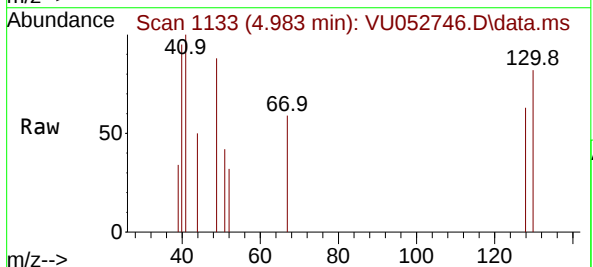
Tgt Ion: 78 Resp: 4828
Ion Ratio Lower Upper
78 100
77 25.4 18.9 28.3

Manual Integrations
APPROVED

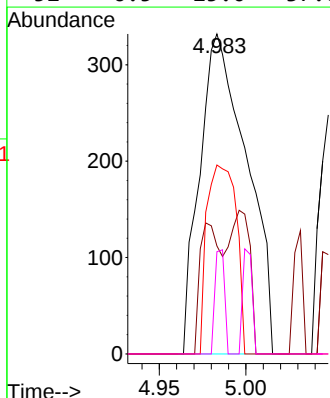
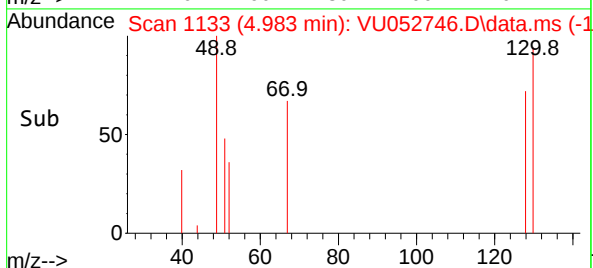
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

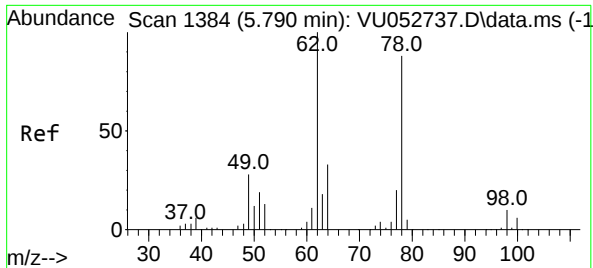


#41
Methacrylonitrile
Concen: 0.339 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.016 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



Tgt Ion: 41 Resp: 628
Ion Ratio Lower Upper
41 100
39 18.2 42.2 63.2#
67 36.6 65.0 97.6#
52 6.5 25.0 37.6#





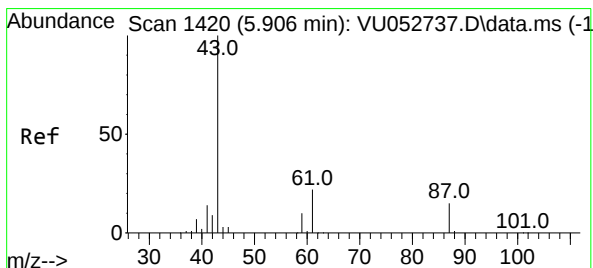
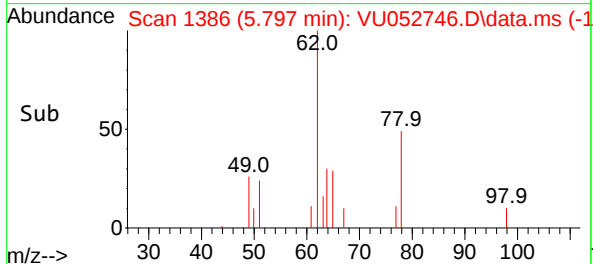
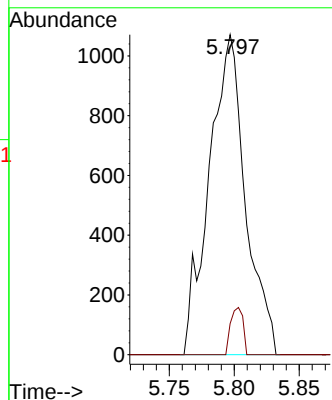
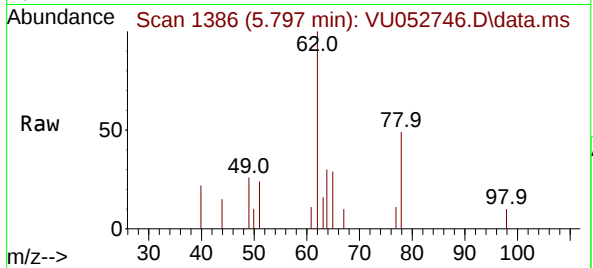
#42
1,2-Dichloroethane
Concen: 0.541 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.007 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 62 Resp: 2078
Ion Ratio Lower Upper
62 100
98 5.0 0.0 19.0

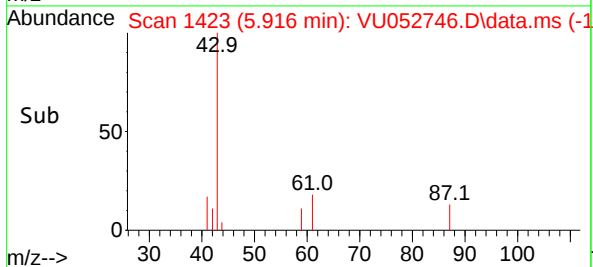
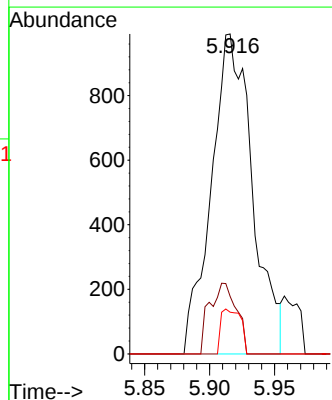
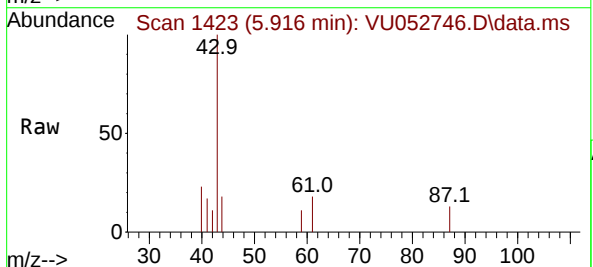
Manual Integrations
APPROVED

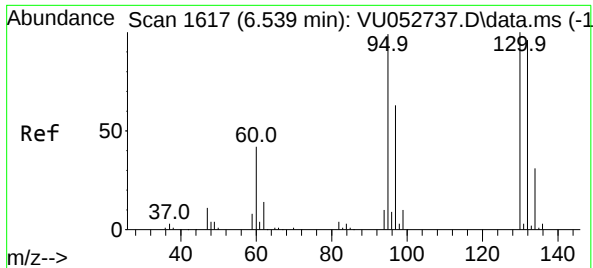
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#43
Isopropyl Acetate
Concen: 0.409 ug/l
RT: 5.916 min Scan# 1423
Delta R.T. 0.010 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

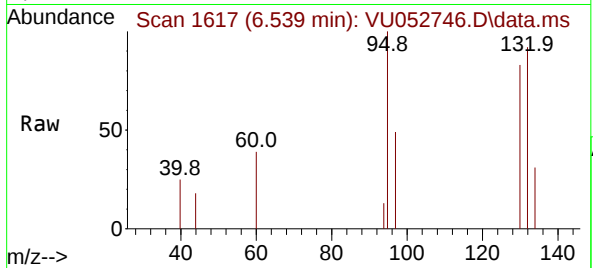
Tgt Ion: 43 Resp: 2184
Ion Ratio Lower Upper
43 100
61 14.4 18.1 27.1#
87 6.6 11.7 17.5#





#44
Trichloroethene
Concen: 0.455 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

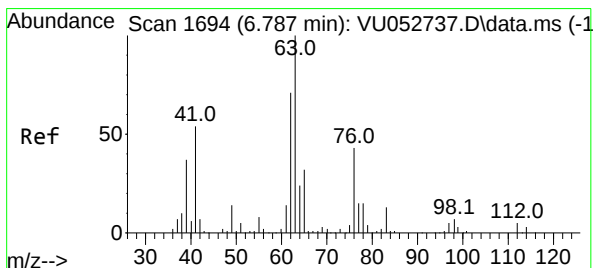
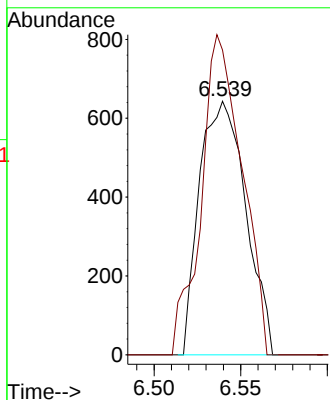
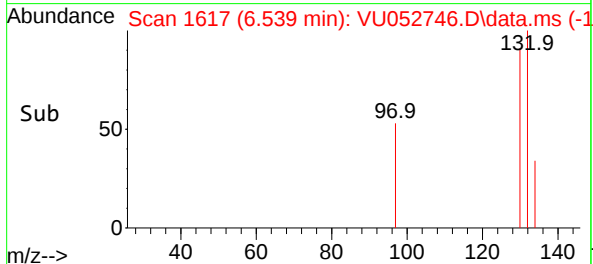
Instrument :
MSVOA_U
ClientSampleId :
MDL05



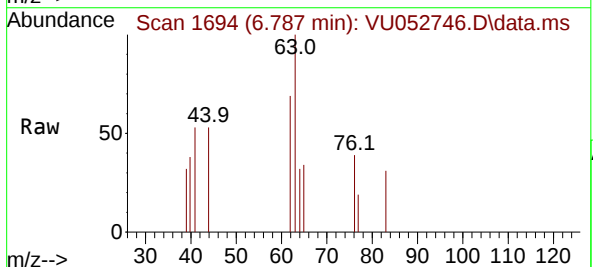
Tgt Ion:130 Resp: 1190
Ion Ratio Lower Upper
130 100
95 120.2 0.0 198.2

Manual Integrations
APPROVED

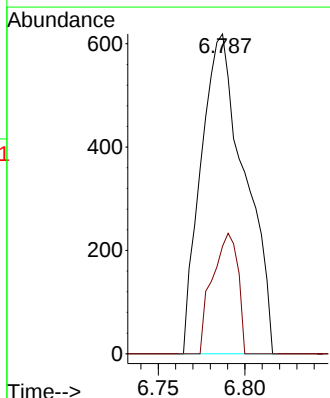
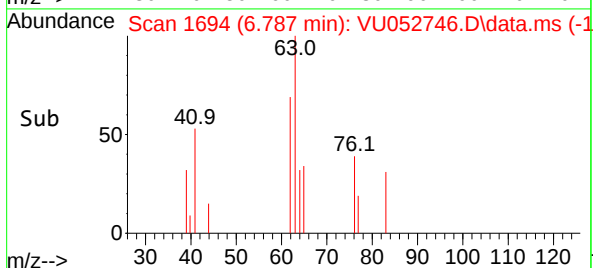
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

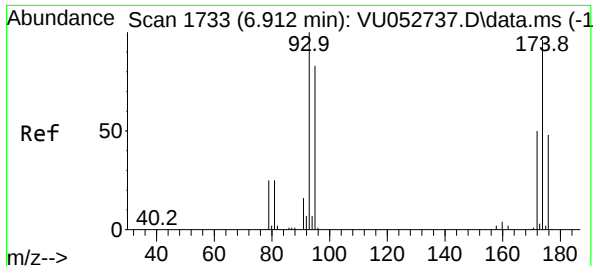


#45
1,2-Dichloropropane
Concen: 0.397 ug/l
RT: 6.787 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



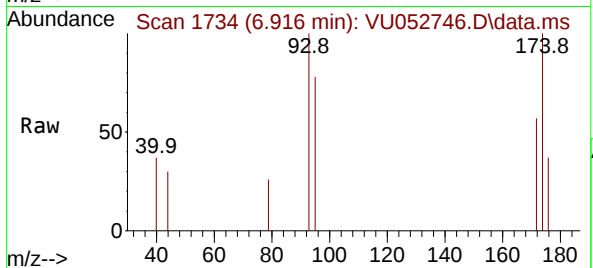
Tgt Ion: 63 Resp: 1088
Ion Ratio Lower Upper
63 100
65 33.6 26.0 39.0





#46
Dibromomethane
Concen: 0.453 ug/l
RT: 6.916 min Scan# 1733
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

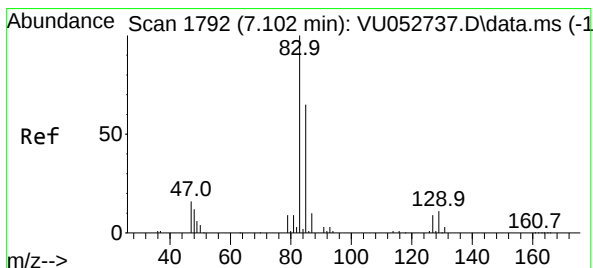
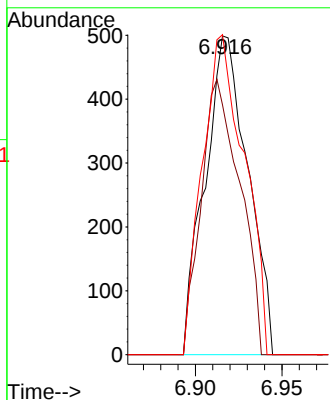
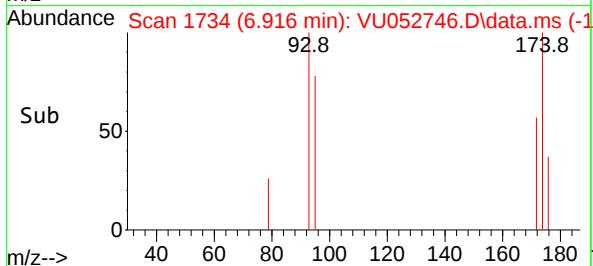
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion: 93 Resp: 860
Ion Ratio Lower Upper
93 100
95 78.3 66.6 99.8
174 98.6 78.6 117.8

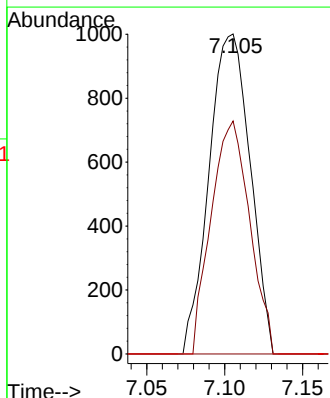
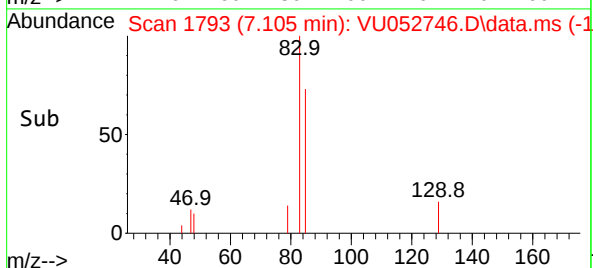
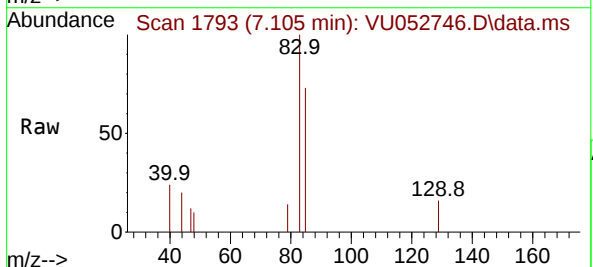
Manual Integrations
APPROVED

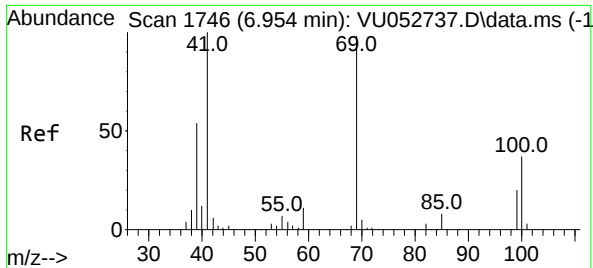
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#47
Bromodichloromethane
Concen: 0.484 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

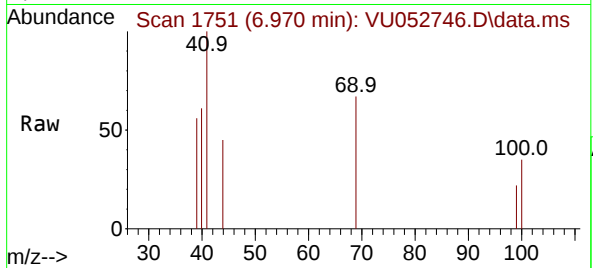
Tgt Ion: 83 Resp: 1838
Ion Ratio Lower Upper
83 100
85 72.8 51.6 77.4
127 0.0 6.9 10.3#





#48
Methyl methacrylate
Concen: 0.304 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.016 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

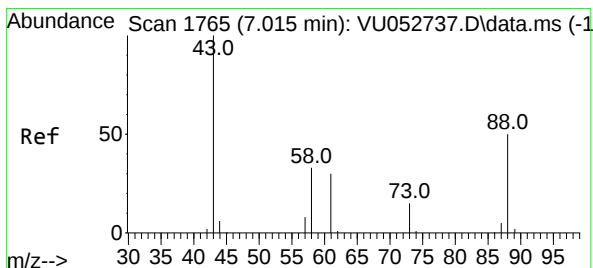
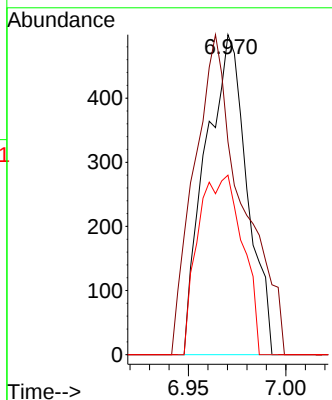
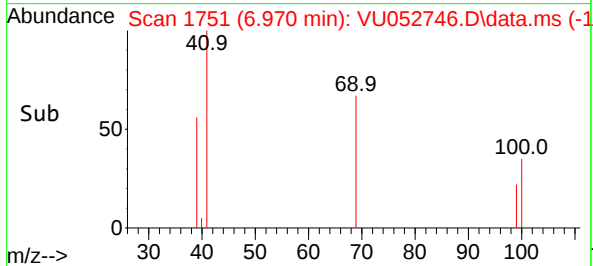
Instrument :
MSVOA_U
ClientSampleId :
MDL05



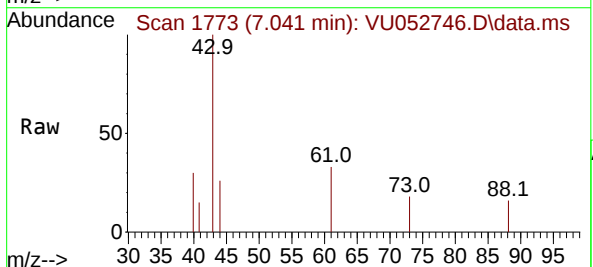
Tgt Ion: 41 Resp: 740
Ion Ratio Lower Upper
41 100
69 115.1 77.2 115.8
39 60.1 42.9 64.3

Manual Integrations
APPROVED

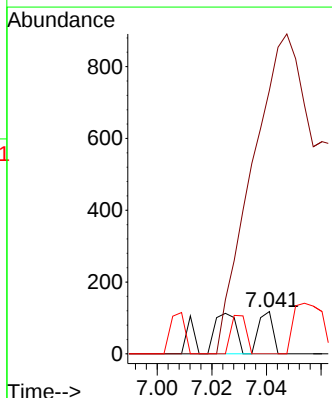
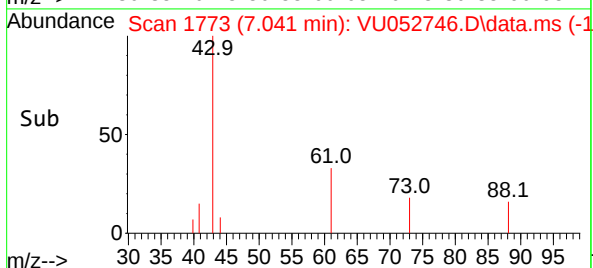
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

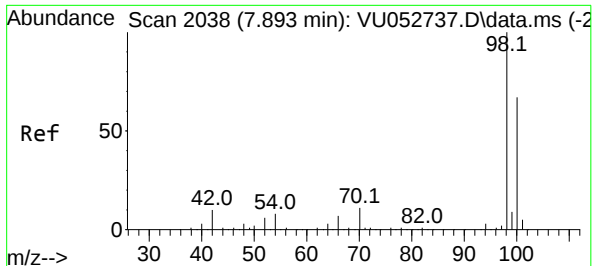


#49
1,4-Dioxane
Concen: 2.611 ug/l m
RT: 7.041 min Scan# 1773
Delta R.T. 0.026 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



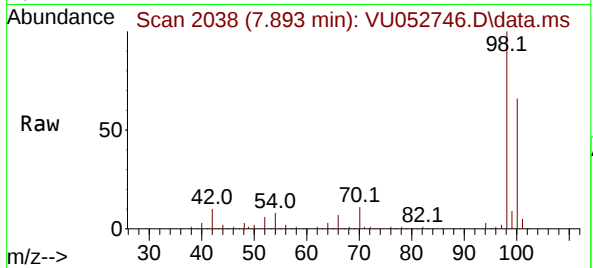
Tgt Ion: 88 Resp: 123
Ion Ratio Lower Upper
88 100
43 0.0 374.7 562.1#
58 34.1 59.2 88.8#





#50
Toluene-d8
Concen: 46.447 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

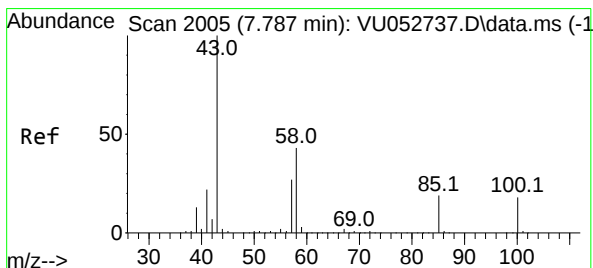
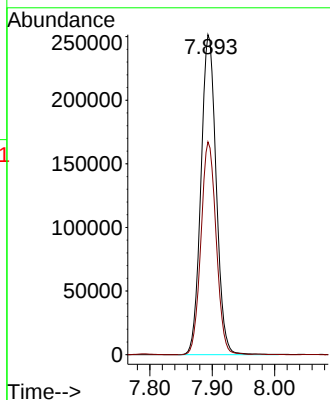
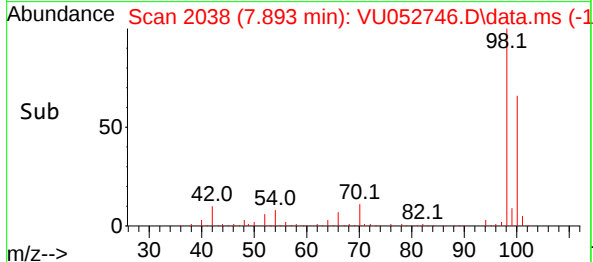
Instrument :
MSVOA_U
ClientSampleId :
MDL05



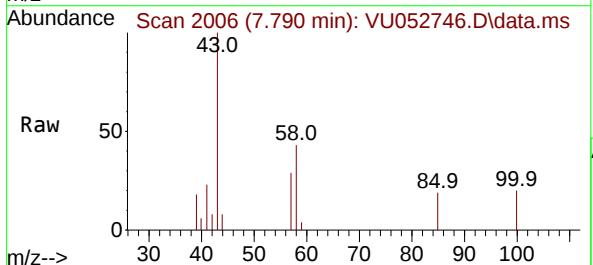
Tgt Ion: 98 Resp: 427424
Ion Ratio Lower Upper
98 100
100 66.4 53.7 80.5

Manual Integrations
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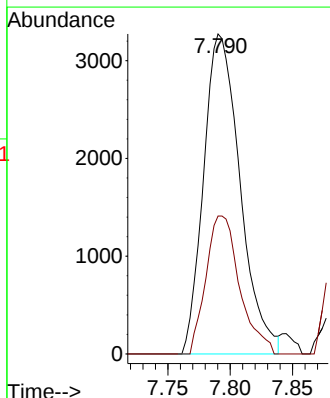
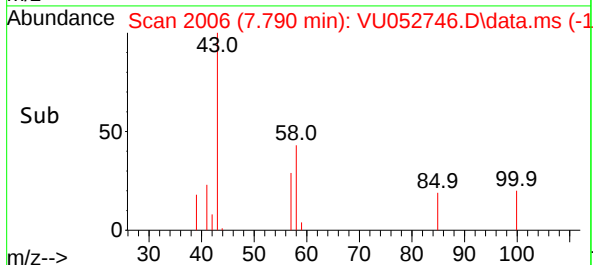
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

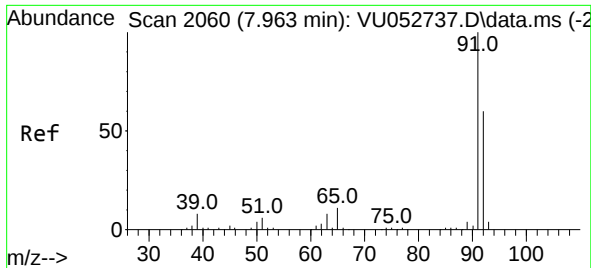


#51
4-Methyl-2-Pentanone
Concen: 1.930 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



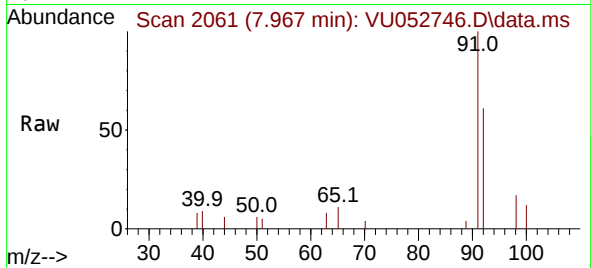
Tgt Ion: 43 Resp: 6664
Ion Ratio Lower Upper
43 100
58 39.8 34.6 52.0





#52
Toluene
Concen: 0.470 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

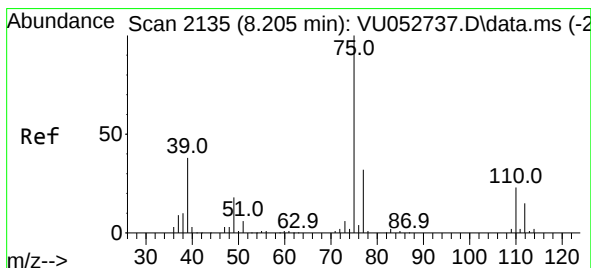
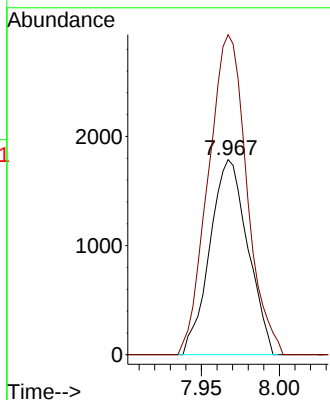
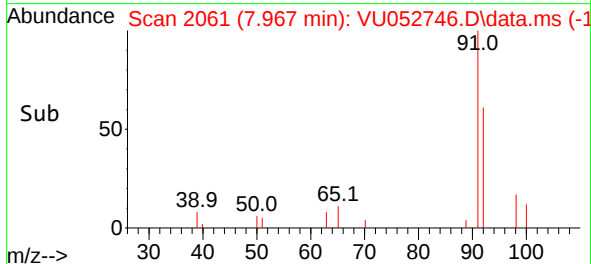
Instrument :
MSVOA_U
ClientSampleId :
MDL05



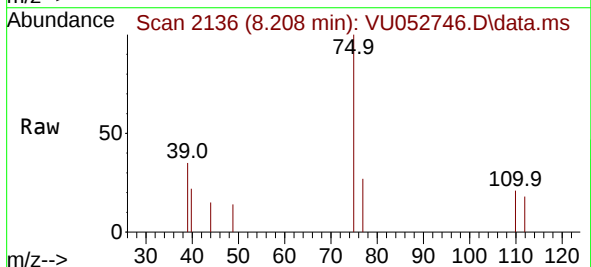
Tgt Ion: 92 Resp: 3024
Ion Ratio Lower Upper
92 100
91 166.7 134.9 202.3

Manual Integrations
APPROVED

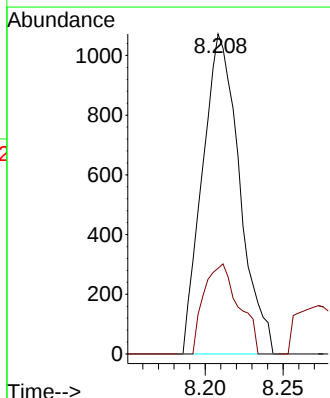
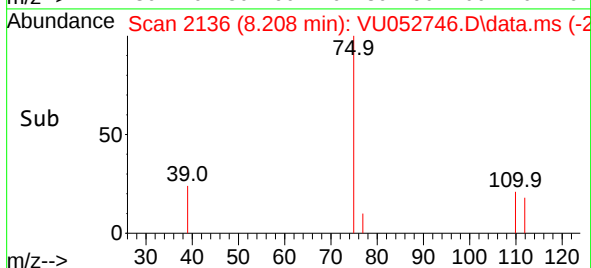
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

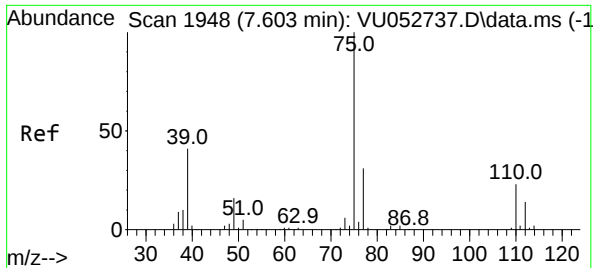


#53
t-1,3-Dichloropropene
Concen: 0.447 ug/l
RT: 8.208 min Scan# 2136
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



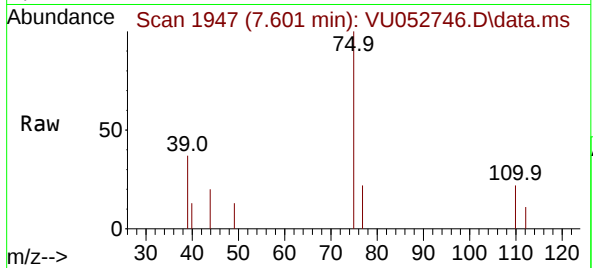
Tgt Ion: 75 Resp: 1773
Ion Ratio Lower Upper
75 100
77 26.8 25.2 37.8





#54
 cis-1,3-Dichloropropene
 Concen: 0.428 ug/l
 RT: 7.601 min Scan# 1947
 Delta R.T. -0.003 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

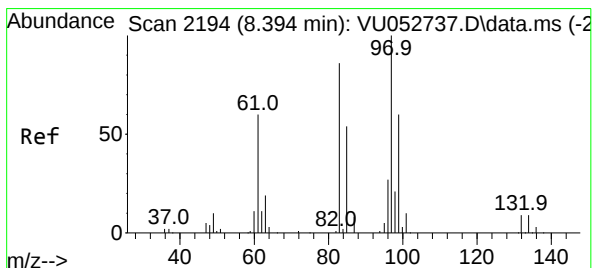
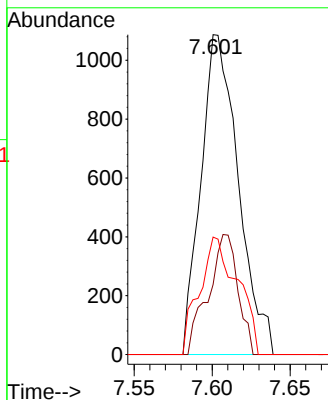
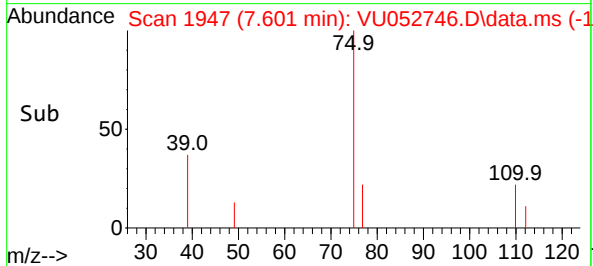
Instrument : MSVOA_U
 ClientSampleId : MDL05



Tgt Ion: 75 Resp: 1812
 Ion Ratio Lower Upper
 75 100
 77 21.9 25.0 37.6
 39 36.7 32.9 49.3

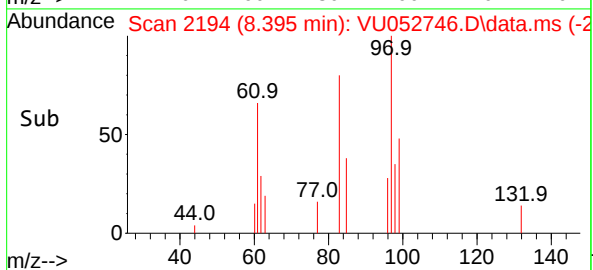
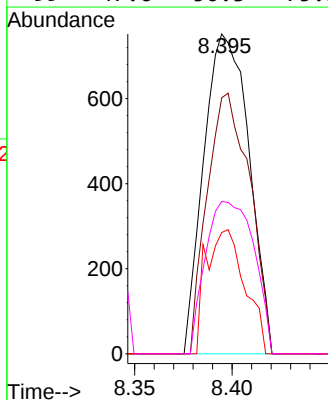
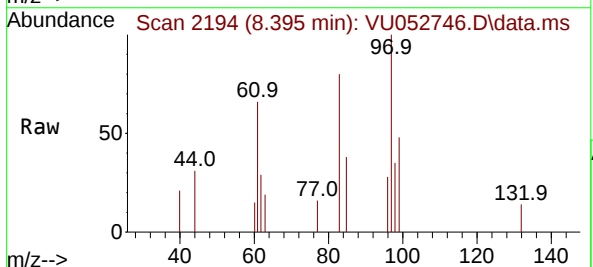
Manual Integrations
 APPROVED

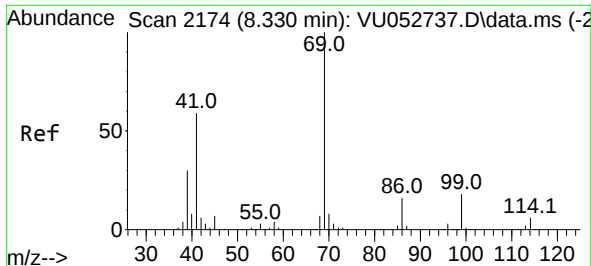
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#55
 1,1,2-Trichloroethane
 Concen: 0.463 ug/l
 RT: 8.395 min Scan# 2194
 Delta R.T. 0.001 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

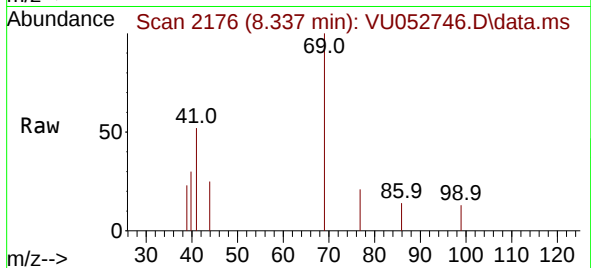
Tgt Ion: 97 Resp: 1214
 Ion Ratio Lower Upper
 97 100
 83 80.1 69.2 103.8
 85 37.9 43.8 65.8#
 99 47.6 50.3 75.5#





#56
Ethyl methacrylate
Concen: 0.360 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.007 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

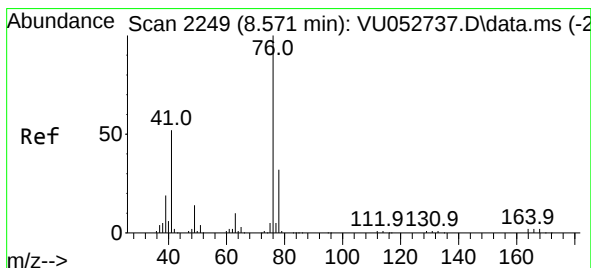
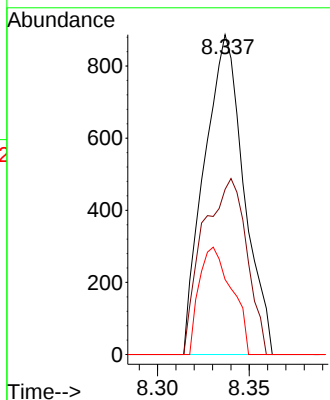
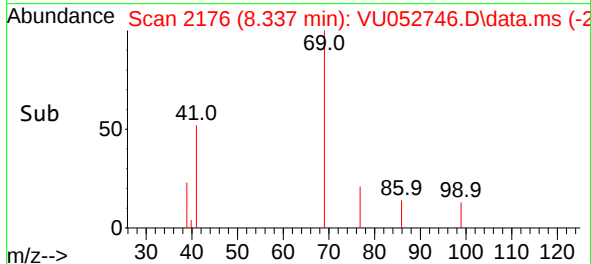
Instrument :
MSVOA_U
ClientSampleId :
MDL05



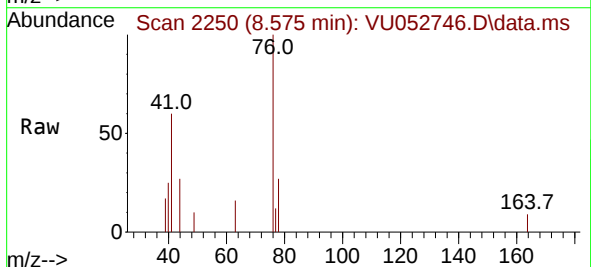
Tgt Ion: 69 Resp: 133
Ion Ratio Lower Upper
69 100
41 60.9 47.6 71.4
39 27.7 24.3 36.5

Manual Integrations
APPROVED

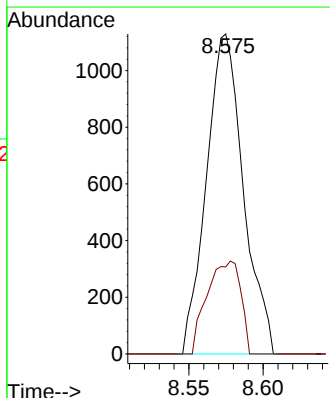
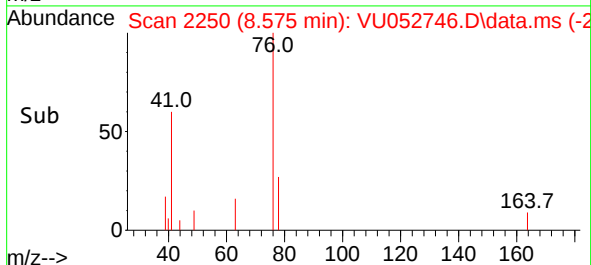
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

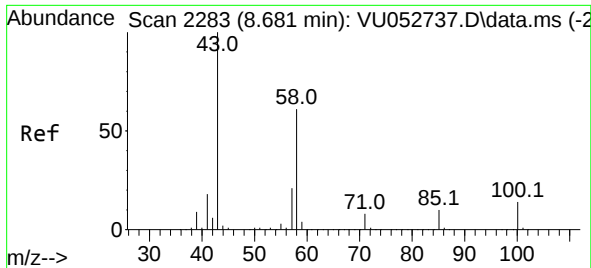


#57
1,3-Dichloropropane
Concen: 0.425 ug/l
RT: 8.575 min Scan# 2250
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



Tgt Ion: 76 Resp: 1954
Ion Ratio Lower Upper
76 100
78 26.4 26.2 39.4





#59

2-Hexanone

Concen: 2.132 ug/l

RT: 8.691 min Scan# 2286

Delta R.T. 0.010 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 43 Resp: 567

Ion Ratio Lower Upper

43 100

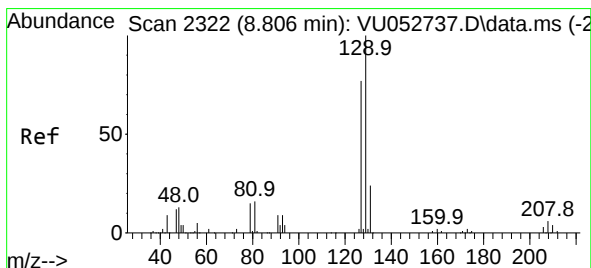
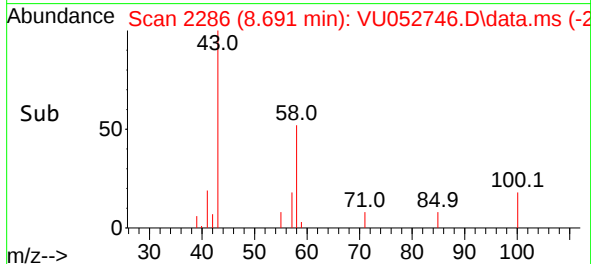
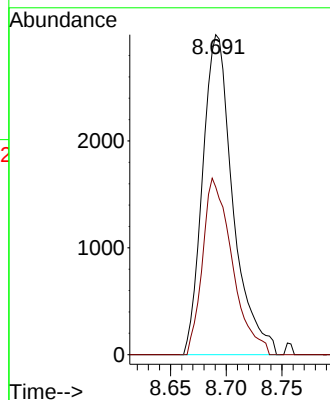
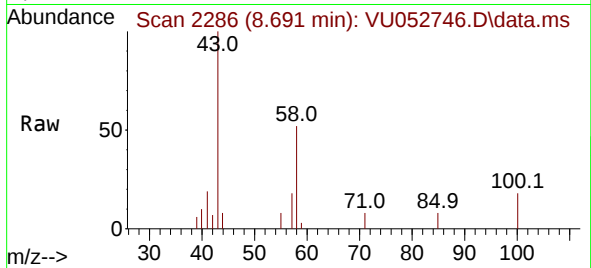
58 53.9 29.8 89.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#60

Dibromochloromethane

Concen: 0.401 ug/l

RT: 8.806 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VU052746.D

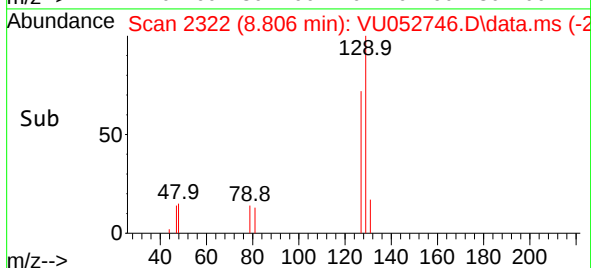
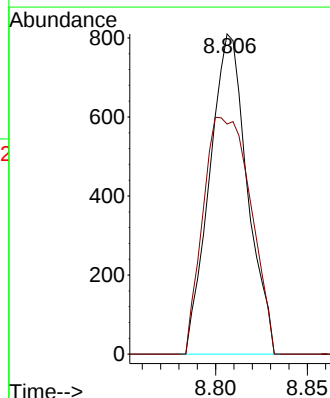
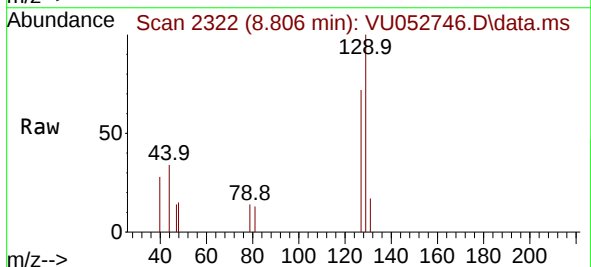
Acq: 19 Jan 2023 19:31

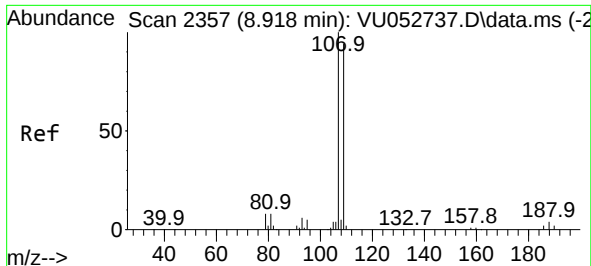
Tgt Ion:129 Resp: 1157

Ion Ratio Lower Upper

129 100

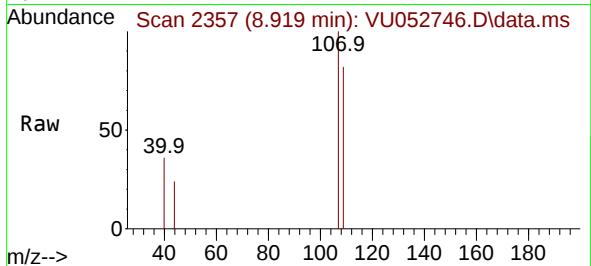
127 93.8 39.1 117.2





#61
1,2-Dibromoethane
Concen: 0.401 ug/l
RT: 8.919 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

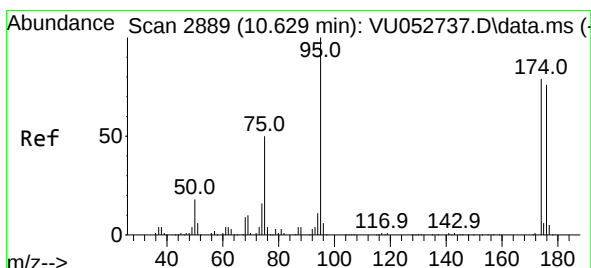
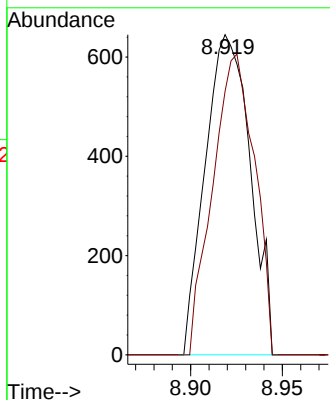
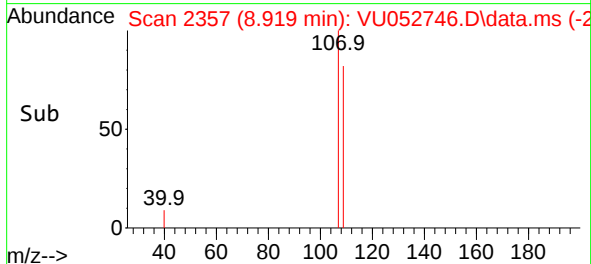
Instrument :
MSVOA_U
ClientSampleId :
MDL05



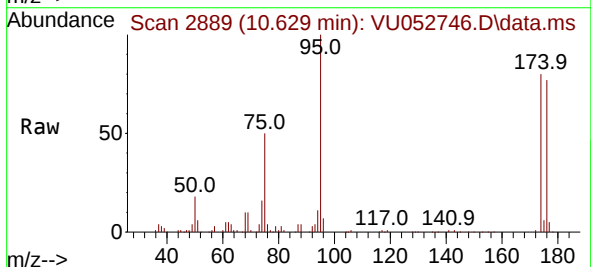
Tgt Ion:107 Resp: 1104
Ion Ratio Lower Upper
107 100
109 87.3 75.0 112.6

Manual Integrations
APPROVED

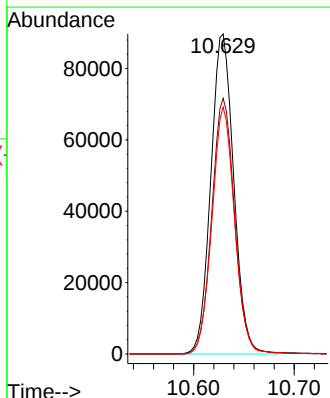
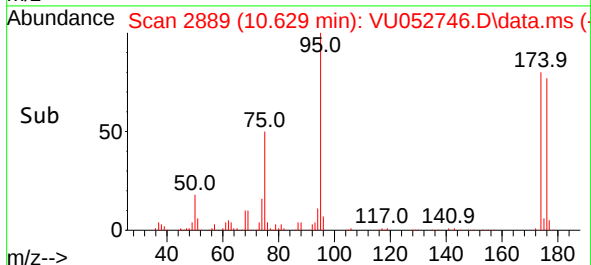
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

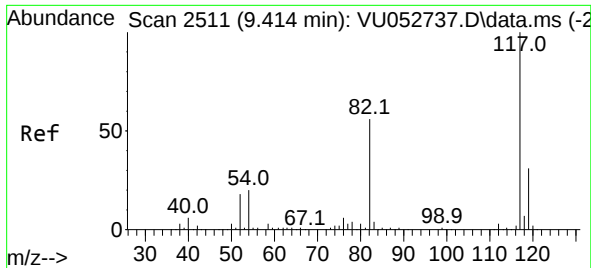


#62
4-Bromofluorobenzene
Concen: 42.276 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



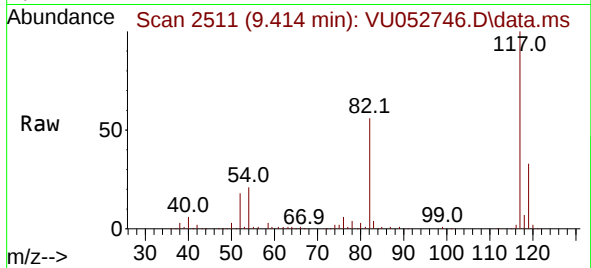
Tgt Ion: 95 Resp: 142114
Ion Ratio Lower Upper
95 100
174 79.6 0.0 158.6
176 76.2 0.0 150.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

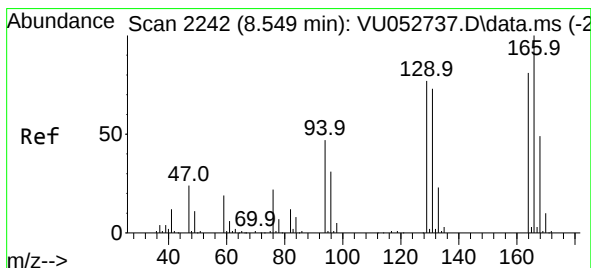
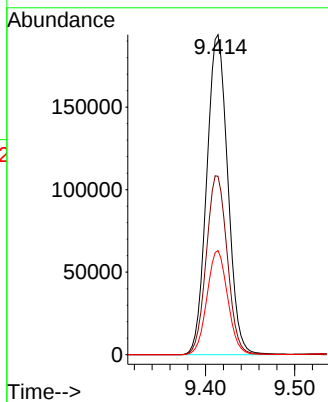
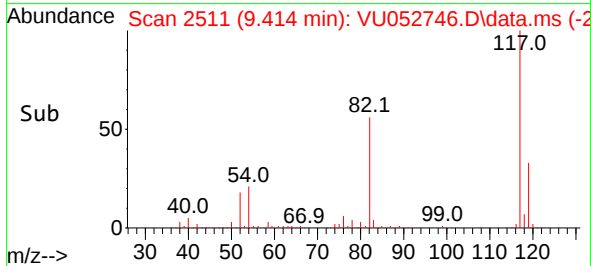
Instrument :
MSVOA_U
ClientSampleId :
MDL05



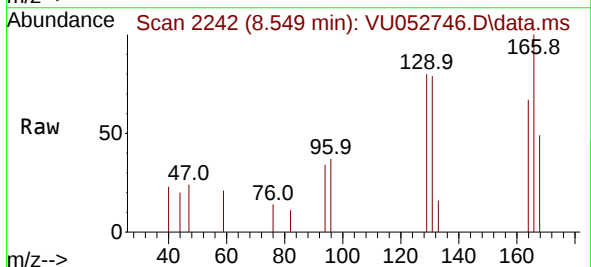
Tgt Ion:117 Resp: 318619
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 32.5 25.0 37.6

Manual Integrations
APPROVED

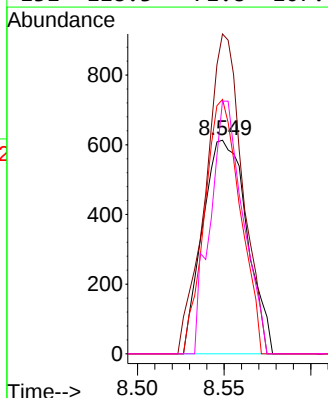
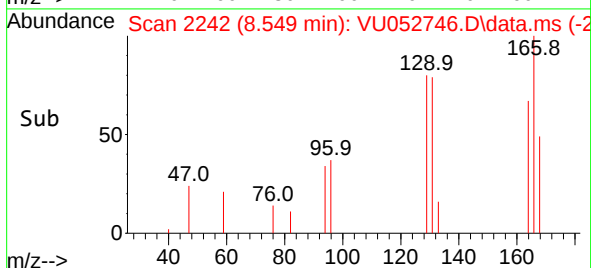
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

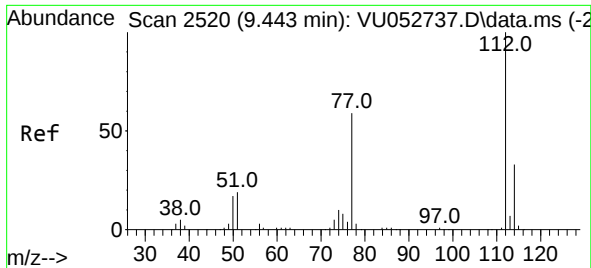


#64
Tetrachloroethene
Concen: 0.493 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



Tgt Ion:164 Resp: 1092
Ion Ratio Lower Upper
164 100
166 149.8 98.9 148.3#
129 119.1 76.0 114.0#
131 118.3 71.8 107.6#





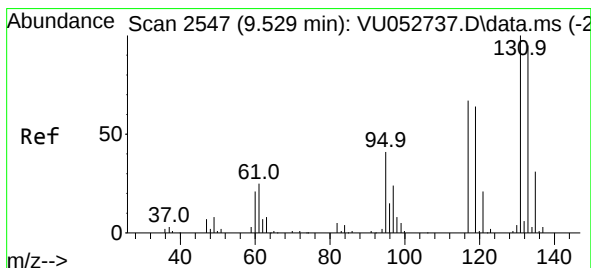
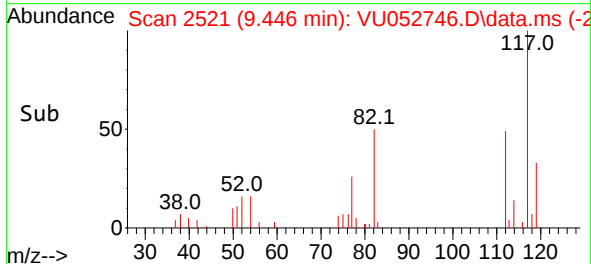
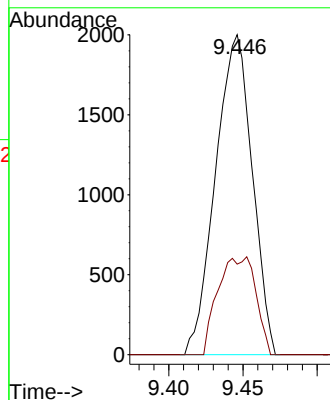
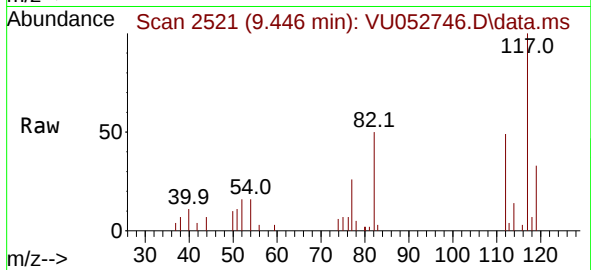
#65
Chlorobenzene
Concen: 0.510 ug/l
RT: 9.446 min Scan# 2520
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:112 Resp: 343
Ion Ratio Lower Upper
112 100
114 28.3 26.1 39.1

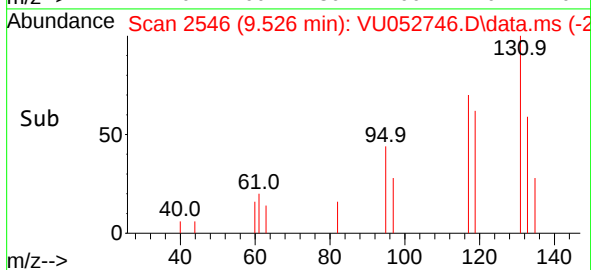
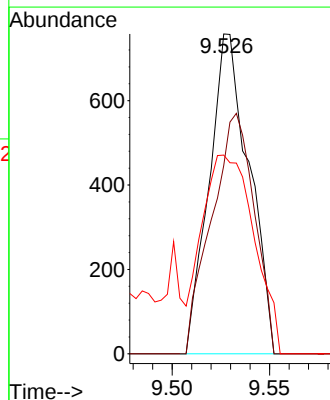
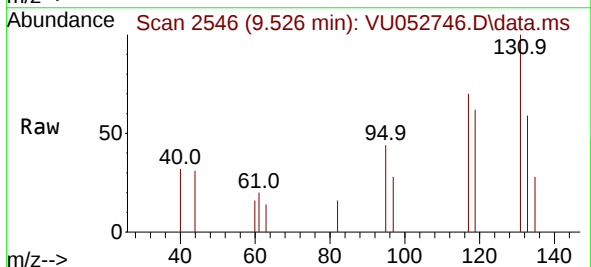
Manual Integrations
APPROVED

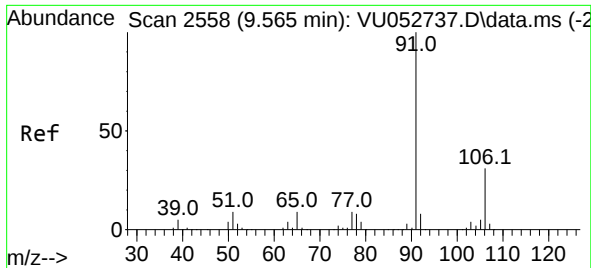
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.427 ug/l
RT: 9.526 min Scan# 2546
Delta R.T. -0.003 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:131 Resp: 1079
Ion Ratio Lower Upper
131 100
133 80.6 48.4 145.0
119 0.0 32.1 96.3#





#67

Ethyl Benzene

Concen: 0.447 ug/l

RT: 9.568 min Scan# 2558

Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 91 Resp: 509

Ion Ratio Lower Upper

91 100

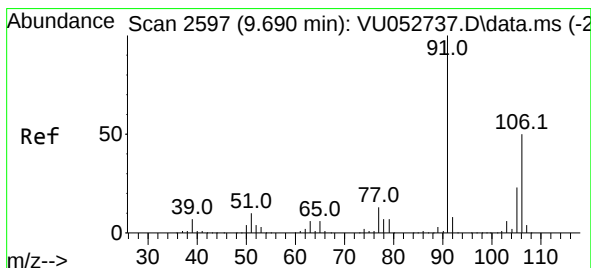
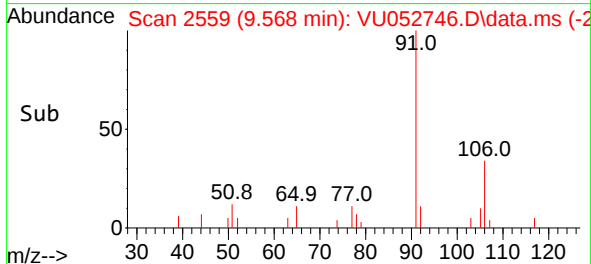
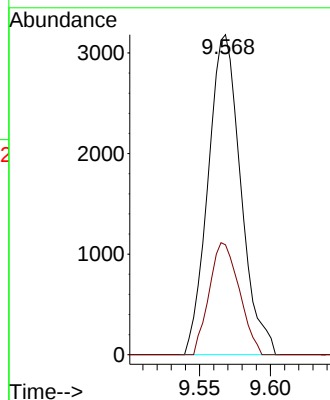
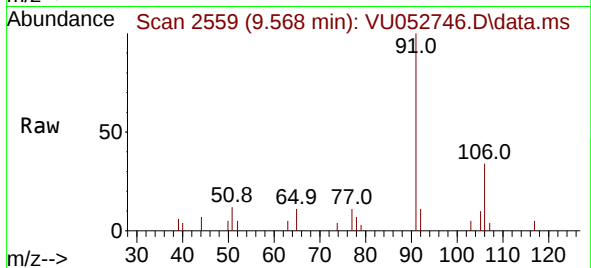
106 34.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#68

m/p-Xylenes

Concen: 0.776 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.004 min

Lab File: VU052746.D

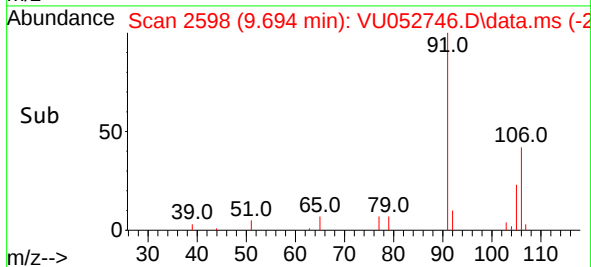
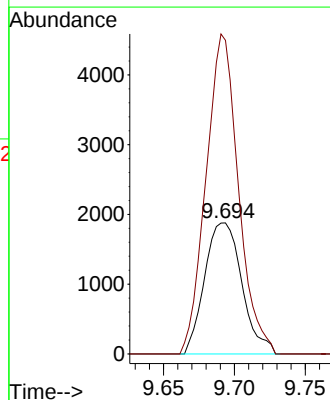
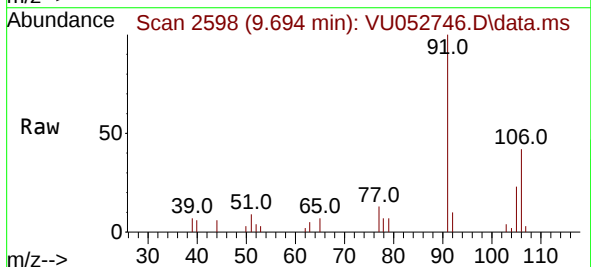
Acq: 19 Jan 2023 19:31

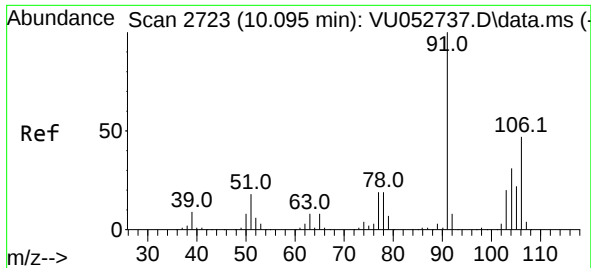
Tgt Ion:106 Resp: 3433

Ion Ratio Lower Upper

106 100

91 212.6 160.8 241.2





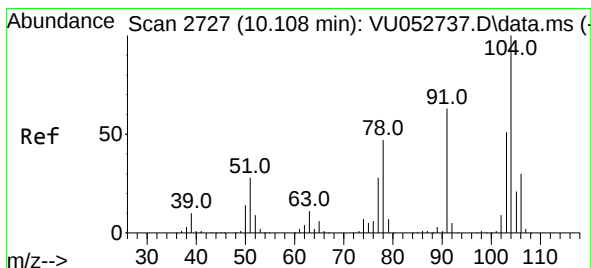
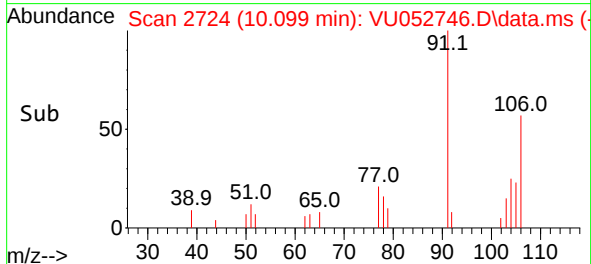
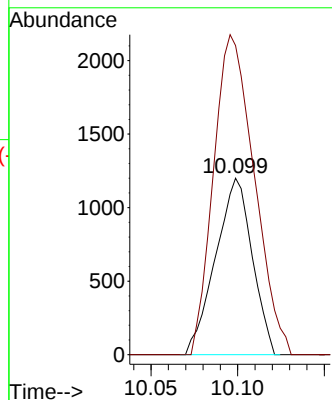
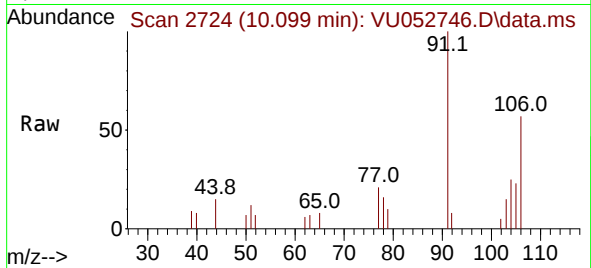
#69
o-Xylene
Concen: 0.417 ug/l
RT: 10.099 min Scan# 2723
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 176
Ion Ratio Lower Upper
106 100
91 201.6 107.9 323.7

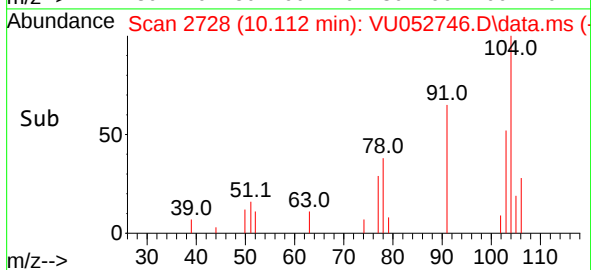
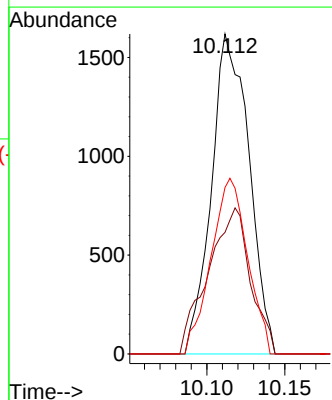
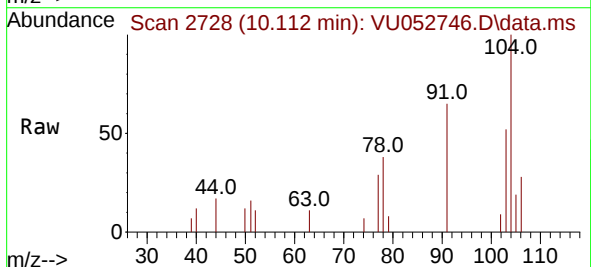
Manual Integrations
APPROVED

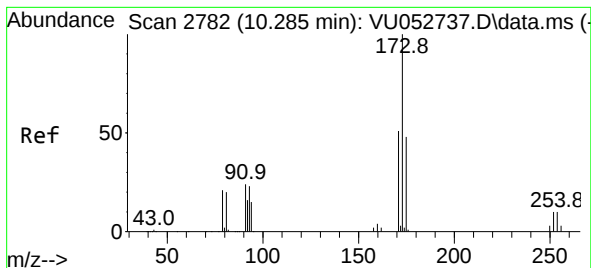
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#70
Styrene
Concen: 0.392 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:104 Resp: 2715
Ion Ratio Lower Upper
104 100
78 51.3 39.9 59.9
103 53.4 43.4 65.2





#71

Bromoform

Concen: 0.434 ug/l

RT: 10.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

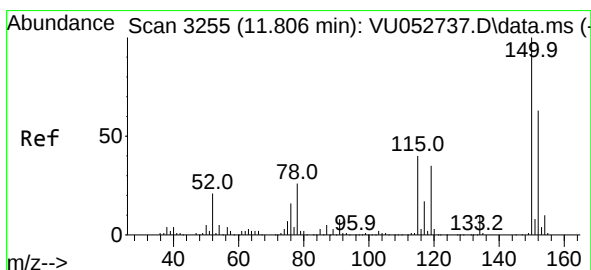
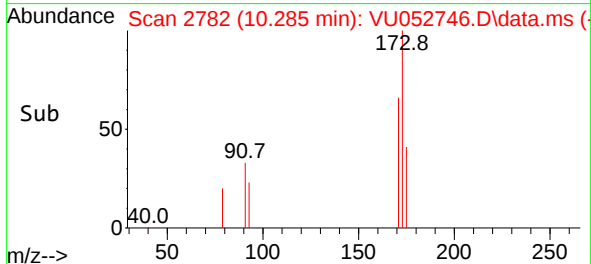
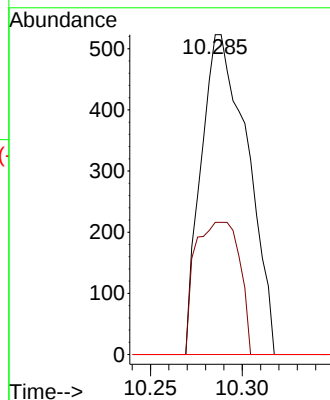
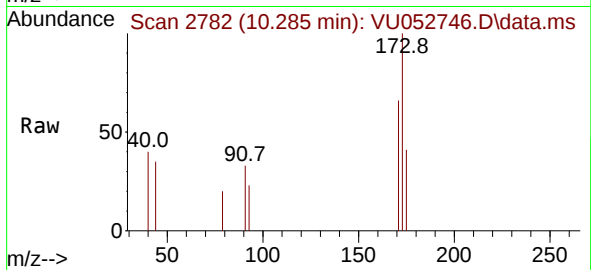
Tgt Ion:	173	Resp:	91
Ion Ratio	Lower	Upper	
173	100		
175	39.3	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

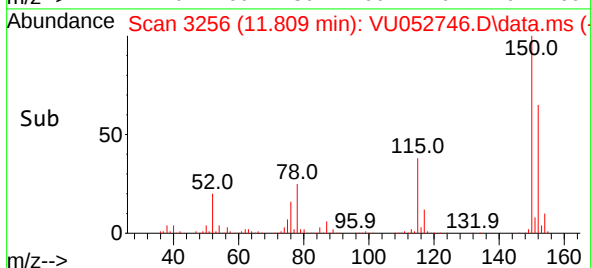
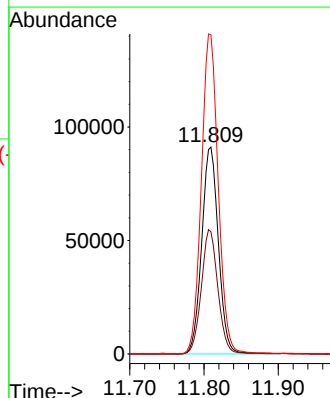
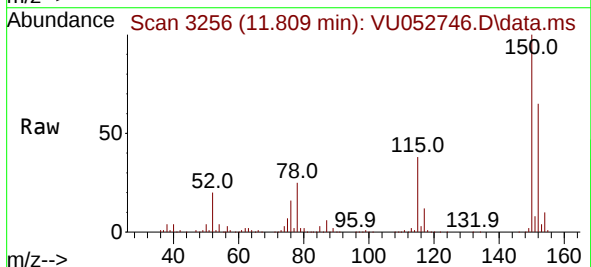
RT: 11.809 min Scan# 3256

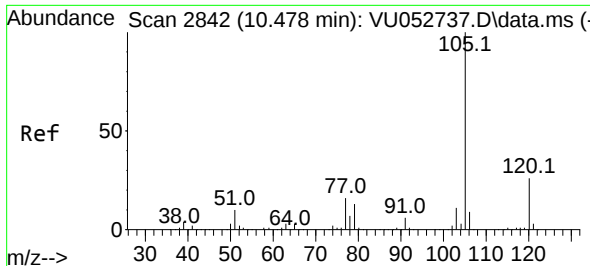
Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

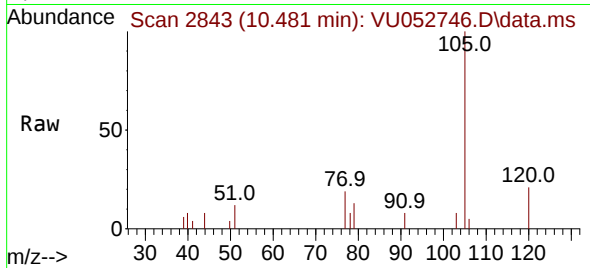
Tgt Ion:	152	Resp:	142545
Ion Ratio	Lower	Upper	
152	100		
115	59.6	41.7	125.1
150	156.1	0.0	349.2





#73
Isopropylbenzene
Concen: 0.446 ug/l
RT: 10.481 min Scan# 2842
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

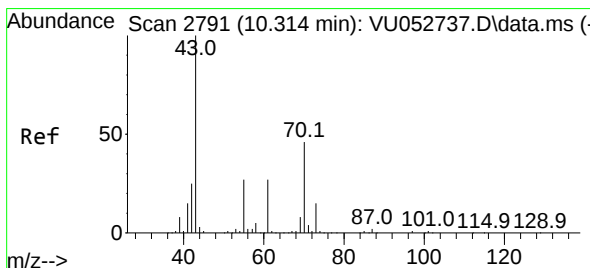
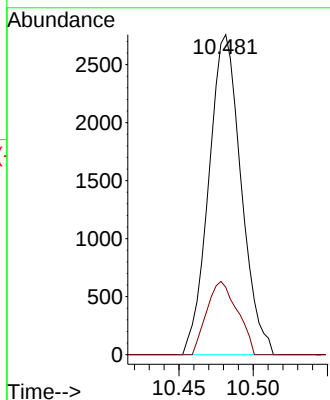
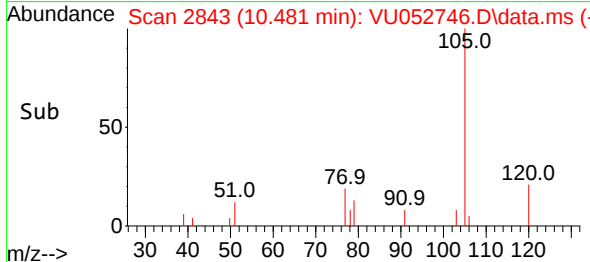
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:105 Resp: 4184
Ion Ratio Lower Upper
105 100
120 21.6 13.2 39.5

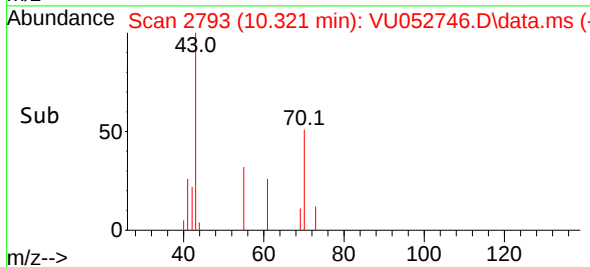
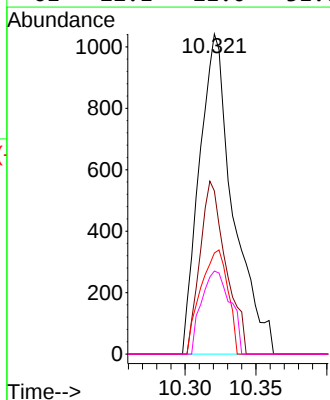
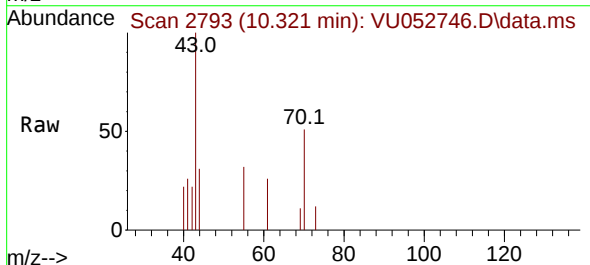
Manual Integrations
APPROVED

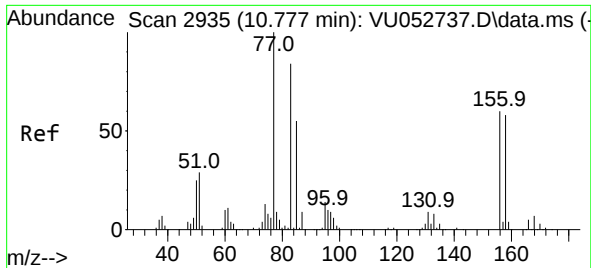
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#74
N-ethyl acetate
Concen: 0.483 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. 0.007 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 43 Resp: 1728
Ion Ratio Lower Upper
43 100
70 41.4 37.9 56.9
55 26.1 21.9 32.9
61 22.1 21.0 31.6





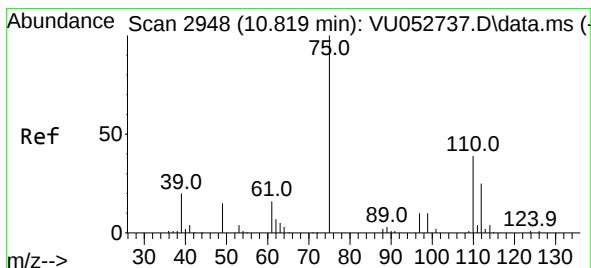
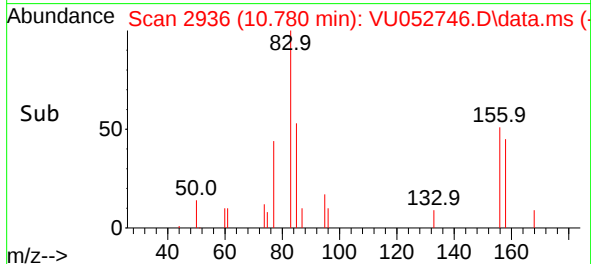
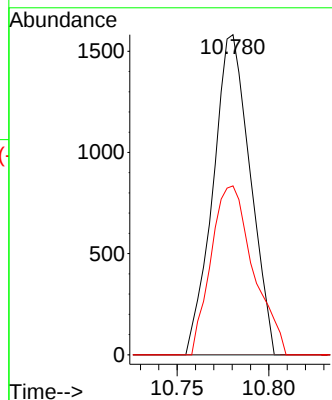
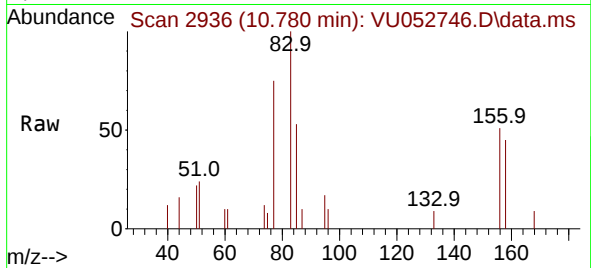
#75
1,1,2,2-Tetrachloroethane
Concen: 0.597 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 222
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9
85 60.1 32.3 96.8

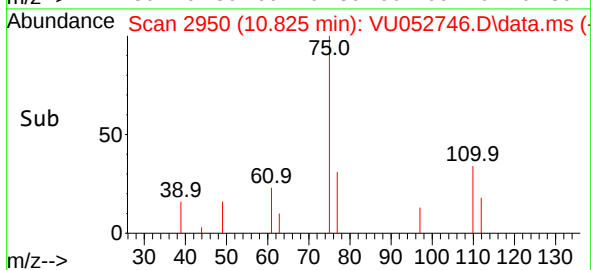
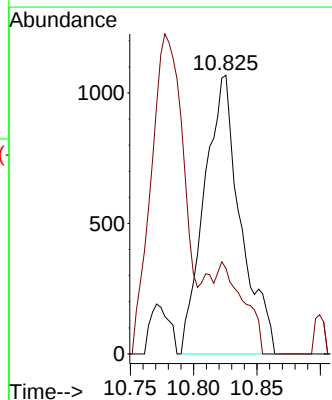
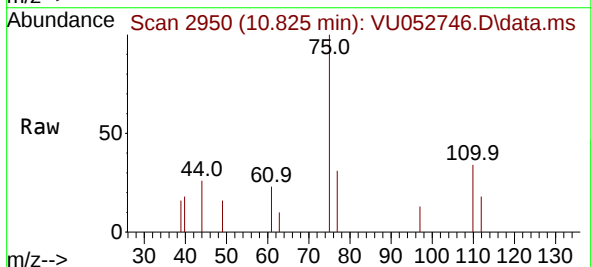
Manual Integrations
APPROVED

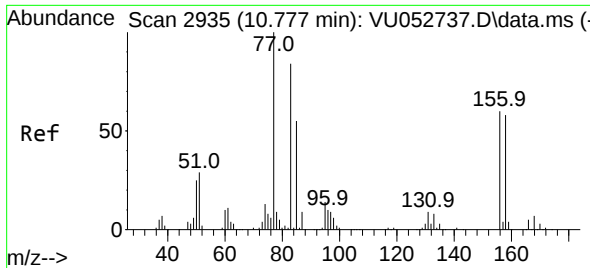
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#76
1,2,3-Trichloropropane
Concen: 0.546 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.007 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 75 Resp: 2122
Ion Ratio Lower Upper
75 100
77 41.5 15.0 45.1





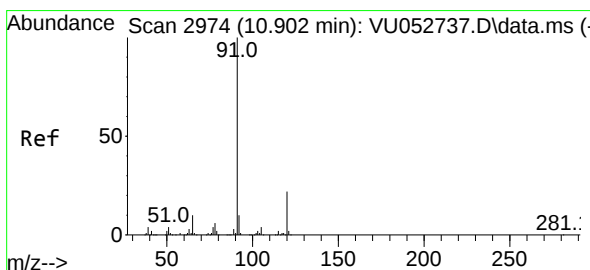
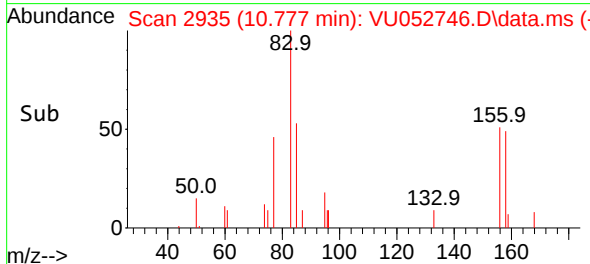
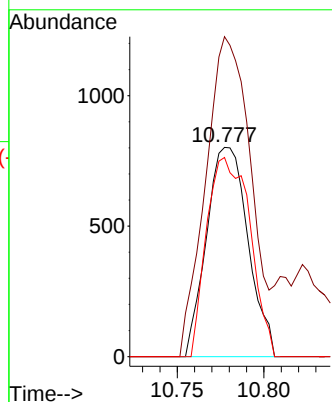
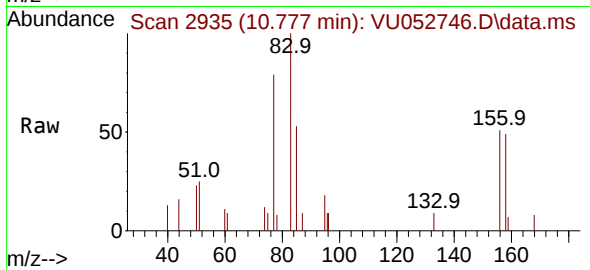
#77
Bromobenzene
Concen: 0.551 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:156 Resp: 133
Ion Ratio Lower Upper
156 100
77 165.3 83.8 251.4
158 99.2 48.7 146.1

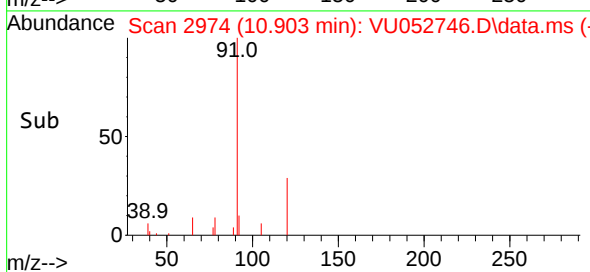
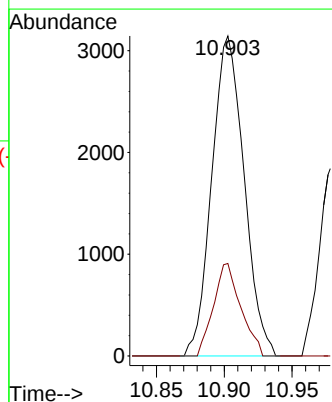
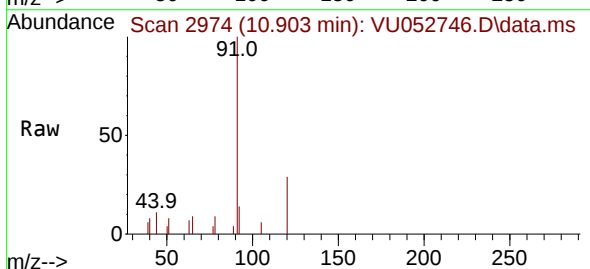
Manual Integrations
APPROVED

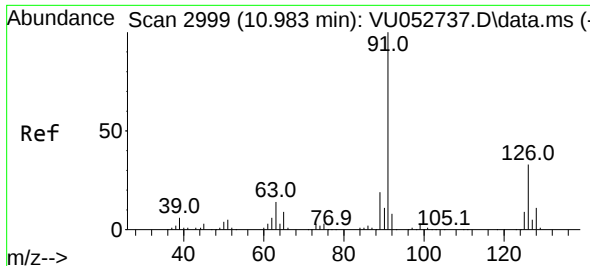
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#78
n-propylbenzene
Concen: 0.471 ug/l
RT: 10.903 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 91 Resp: 5204
Ion Ratio Lower Upper
91 100
120 24.4 11.3 33.8





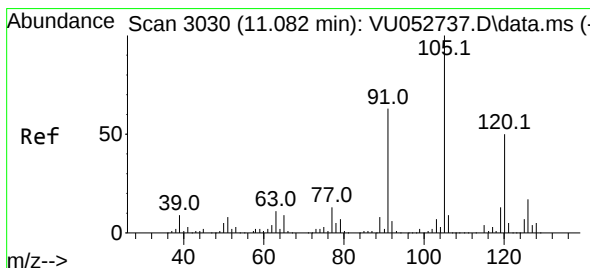
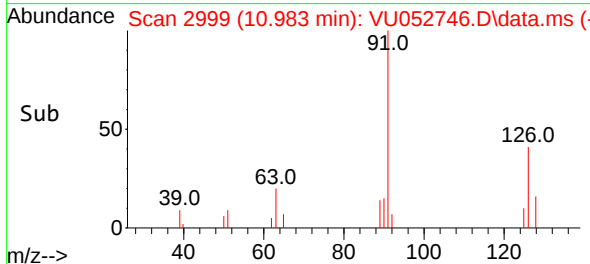
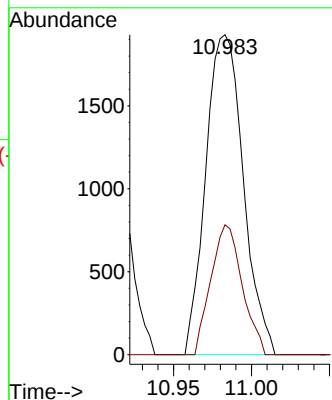
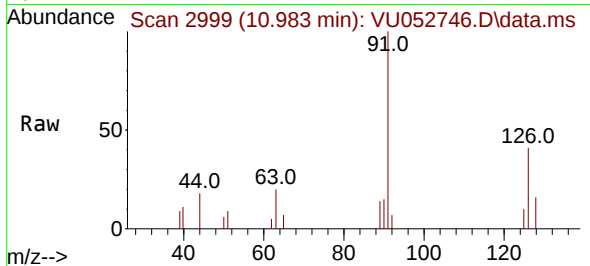
#79
2-Chlorotoluene
Concen: 0.474 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 3234
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0

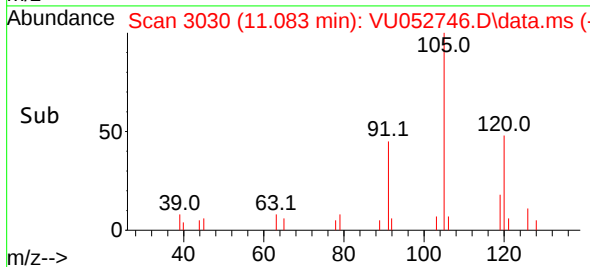
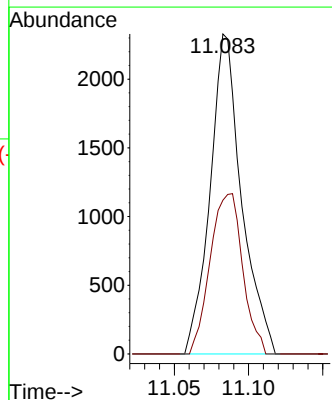
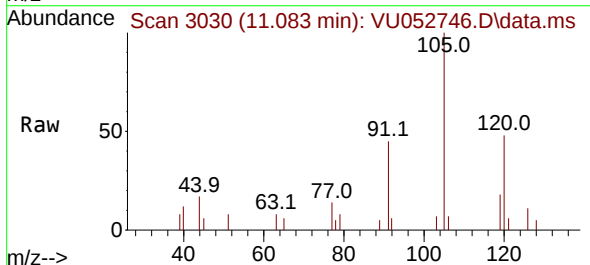
Manual Integrations
APPROVED

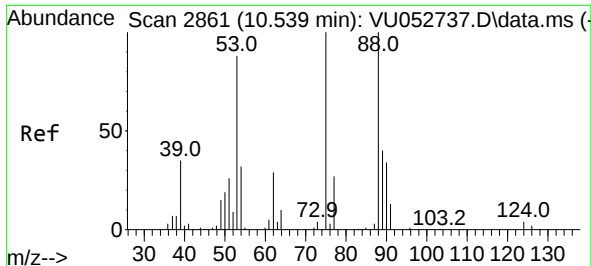
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.440 ug/l
RT: 11.083 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:105 Resp: 3434
Ion Ratio Lower Upper
105 100
120 51.7 25.1 75.2





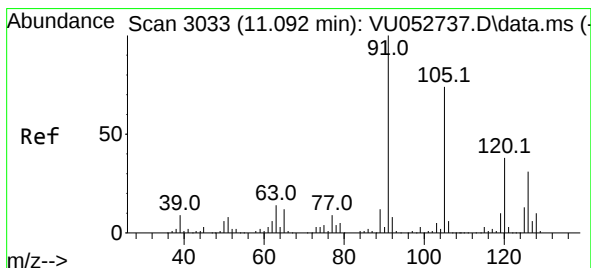
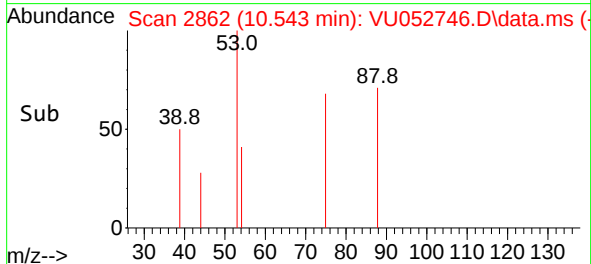
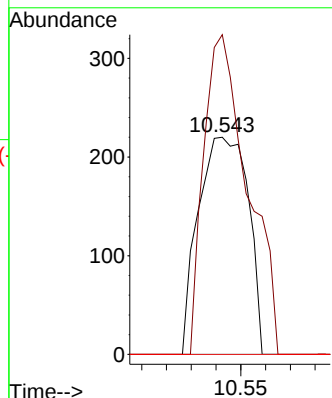
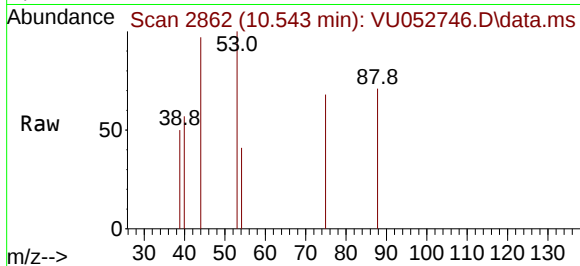
#81
trans-1,4-Dichloro-2-butene
Concen: 0.307 ug/l m
RT: 10.543 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 75 Resp: 307
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6
89 0.0 35.0 52.4

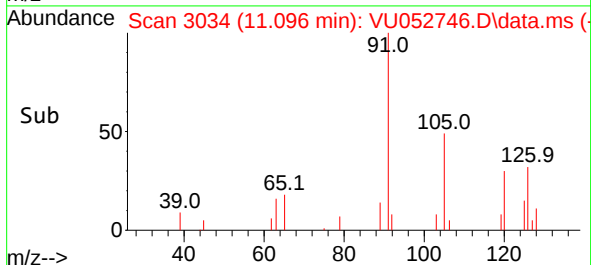
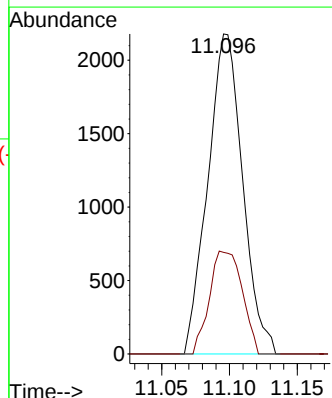
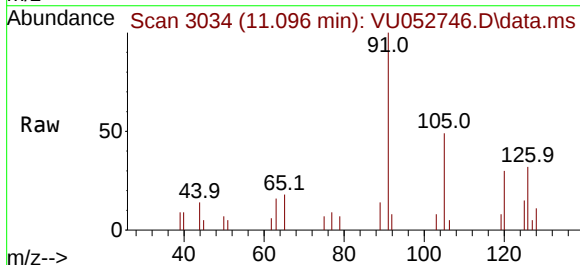
Manual Integrations
APPROVED

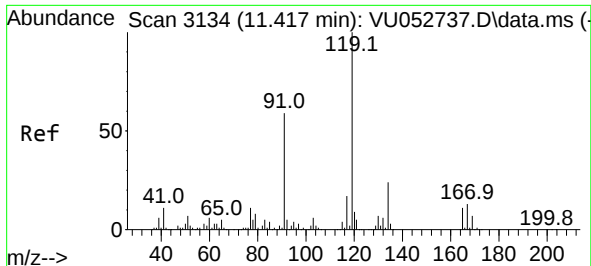
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#82
4-Chlorotoluene
Concen: 0.501 ug/l
RT: 11.096 min Scan# 3034
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion: 91 Resp: 3895
Ion Ratio Lower Upper
91 100
126 30.1 14.9 44.7





#83

tert-Butylbenzene

Concen: 0.464 ug/l

RT: 11.414 min Scan# 3134

Delta R.T. -0.003 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

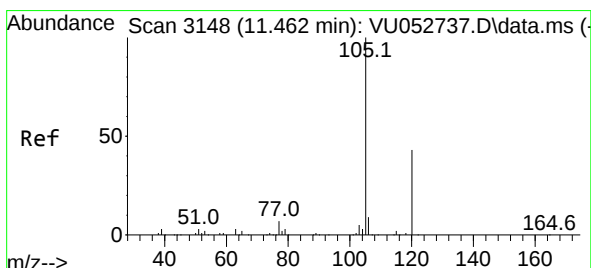
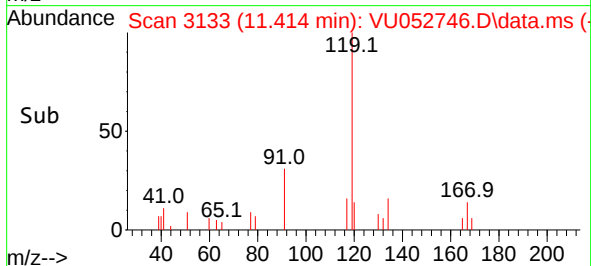
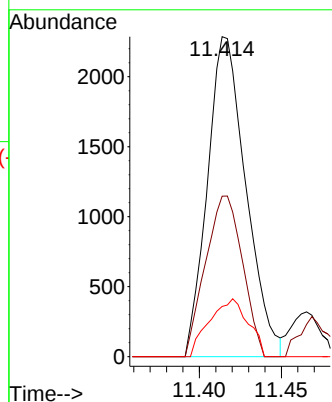
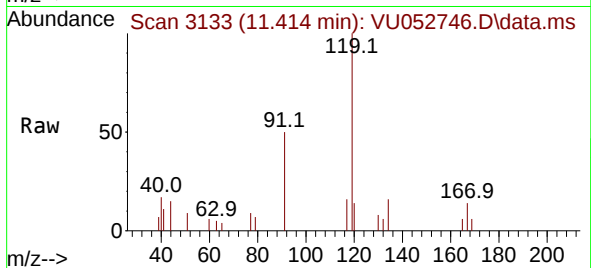
Tgt Ion:	119	Resp:	371
Ion Ratio	Lower	Upper	
119	100		
91	48.2	28.4	85.2
134	18.2	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 0.428 ug/l

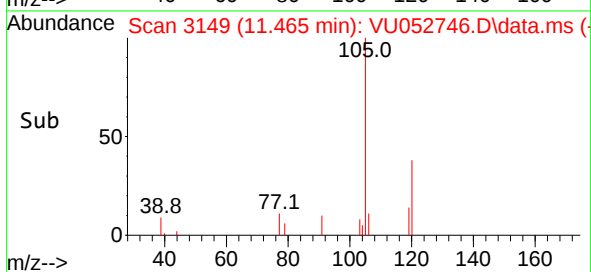
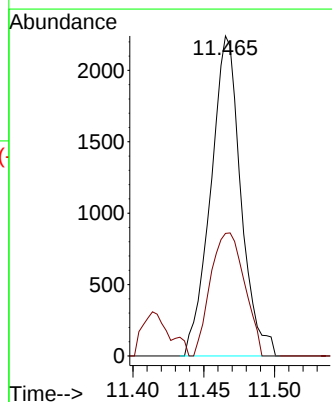
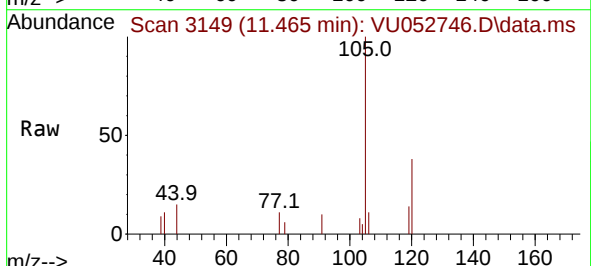
RT: 11.465 min Scan# 3149

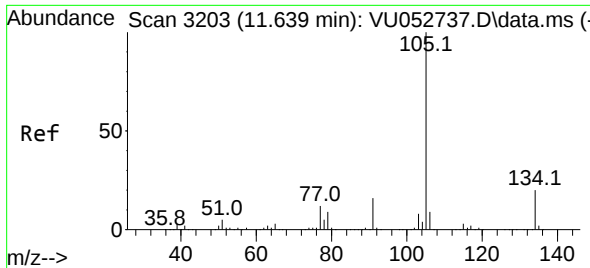
Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

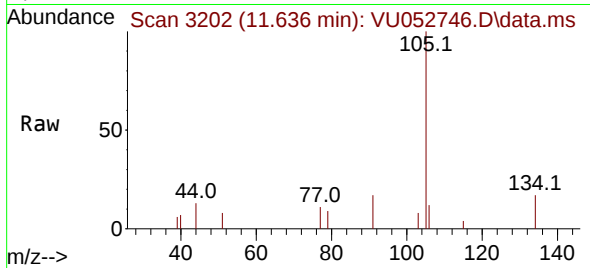
Tgt Ion:	105	Resp:	3316
Ion Ratio	Lower	Upper	
105	100		
120	43.5	23.2	69.5





#85
 sec-Butylbenzene
 Concen: 0.413 ug/l
 RT: 11.636 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31

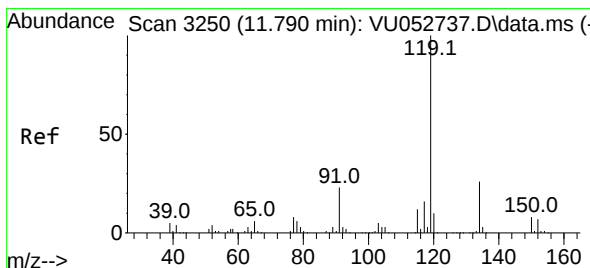
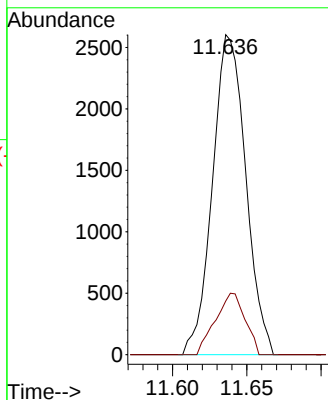
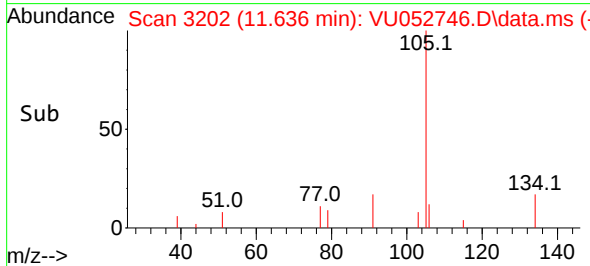
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05



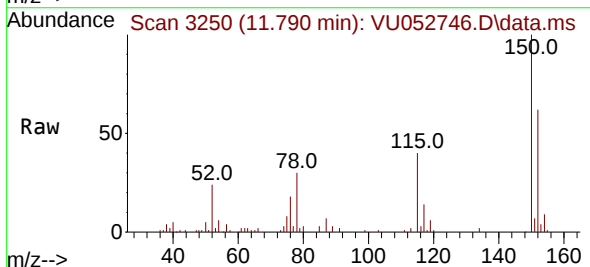
Tgt Ion:105 Resp: 405
 Ion Ratio Lower Upper
 105 100
 134 17.1 10.1 30.3

Manual Integrations
 APPROVED

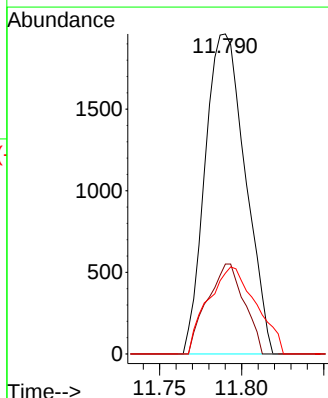
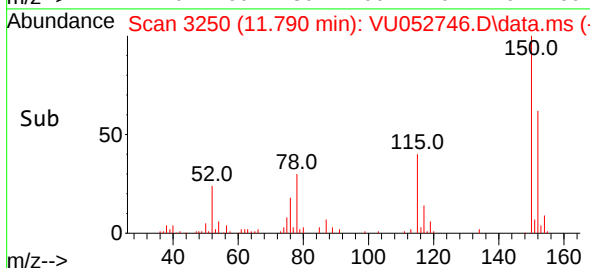
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

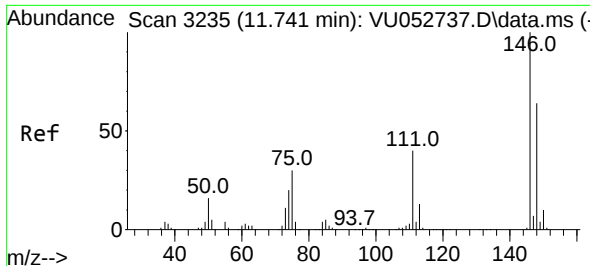


#86
 p-Isopropyltoluene
 Concen: 0.400 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. 0.000 min
 Lab File: VU052746.D
 Acq: 19 Jan 2023 19:31



Tgt Ion:119 Resp: 3337
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 32.5 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 0.553 ug/l

RT: 11.745 min Scan# 3235

Delta R.T. 0.004 min

Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion:146 Resp: 2559

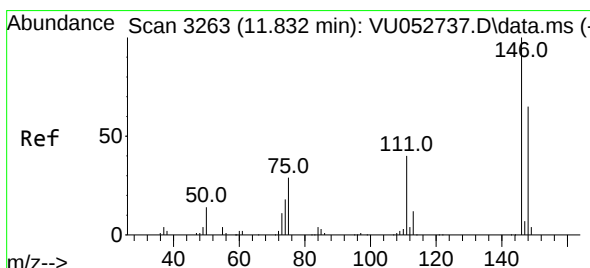
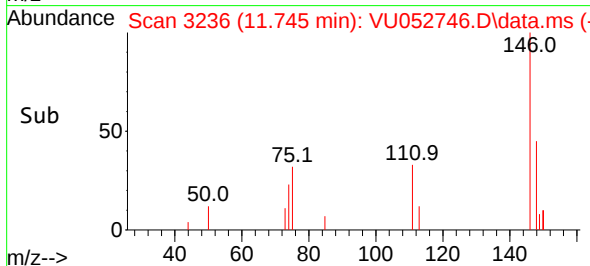
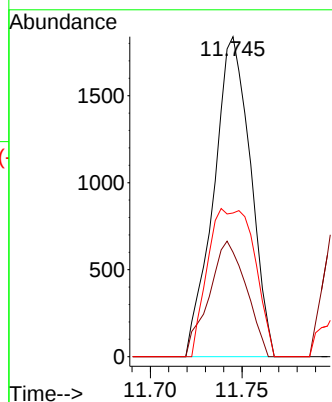
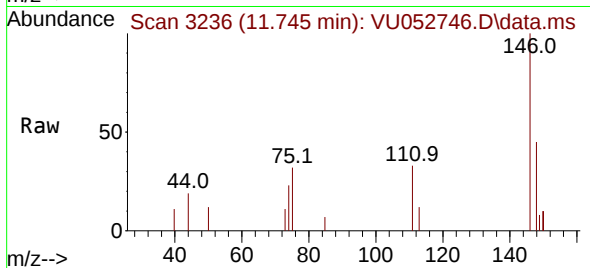
Ion	Ratio	Lower	Upper
146	100		
111	36.6	20.1	60.2
148	59.0	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#88

1,4-Dichlorobenzene

Concen: 0.624 ug/l m

RT: 11.835 min Scan# 3264

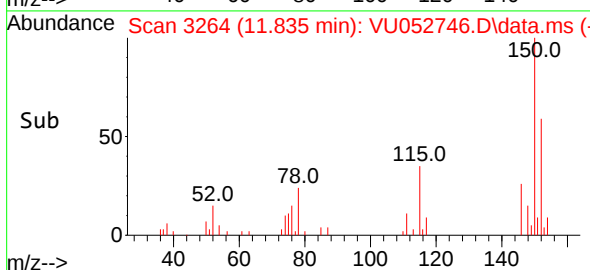
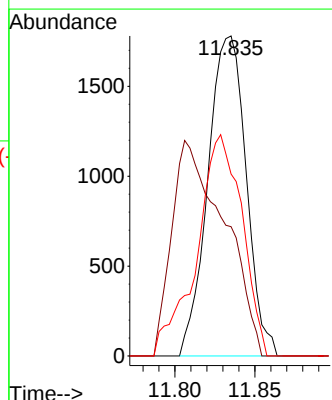
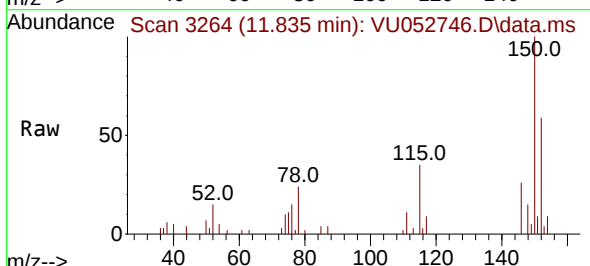
Delta R.T. 0.004 min

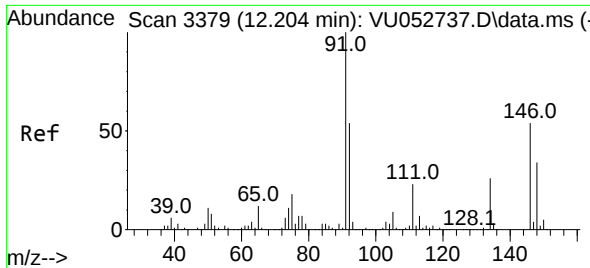
Lab File: VU052746.D

Acq: 19 Jan 2023 19:31

Tgt Ion:146 Resp: 2968

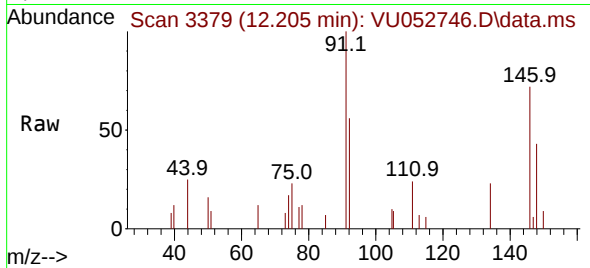
Ion	Ratio	Lower	Upper
146	100		
111	31.6	20.3	61.0
148	50.9	32.3	96.8





#89
n-Butylbenzene
Concen: 0.429 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. 0.001 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

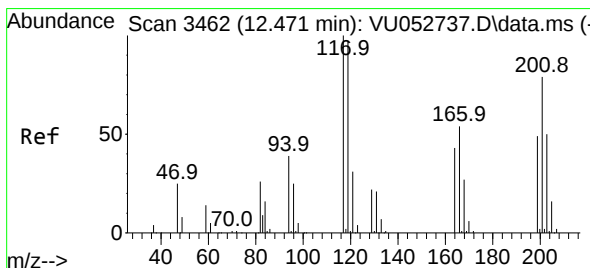
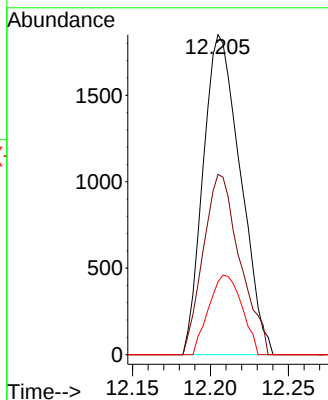
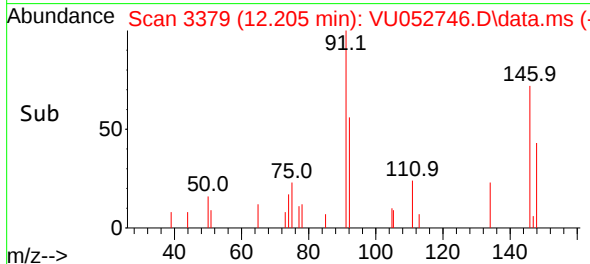
Instrument :
MSVOA_U
ClientSampleId :
MDL05



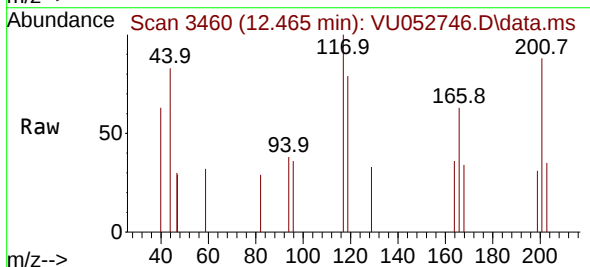
Tgt Ion: 91 Resp: 3072
Ion Ratio Lower Upper
91 100
92 55.6 26.8 80.3
134 22.0 13.1 39.3

Manual Integrations
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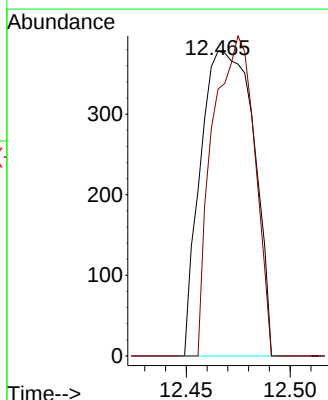
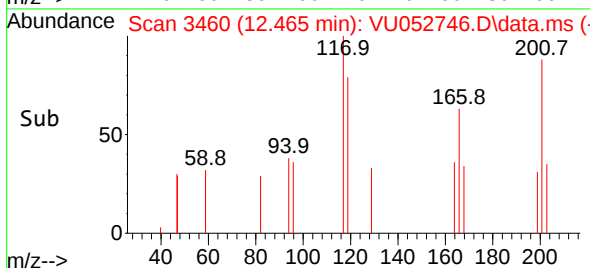
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

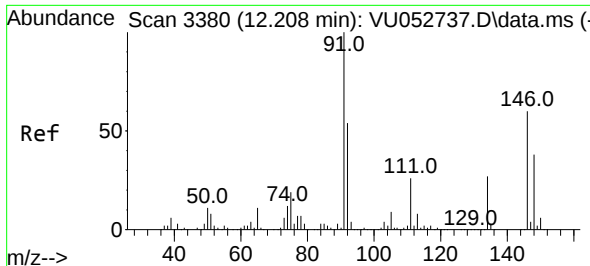


#90
Hexachloroethane
Concen: 0.420 ug/l
RT: 12.465 min Scan# 3460
Delta R.T. -0.006 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



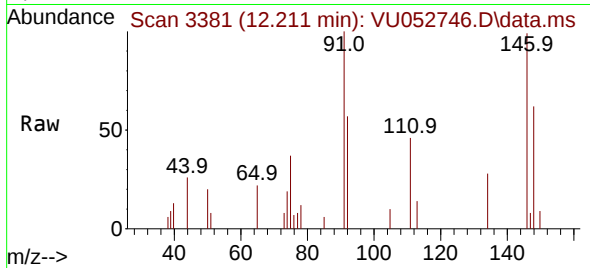
Tgt Ion:117 Resp: 672
Ion Ratio Lower Upper
117 100
201 83.0 39.3 117.9





#91
1,2-Dichlorobenzene
Concen: 0.557 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

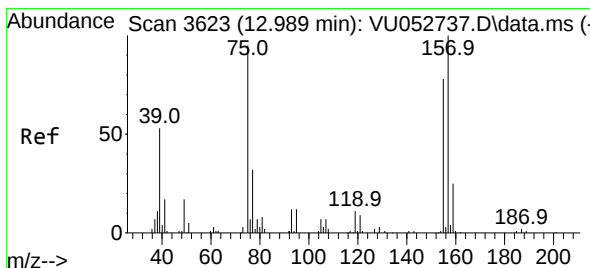
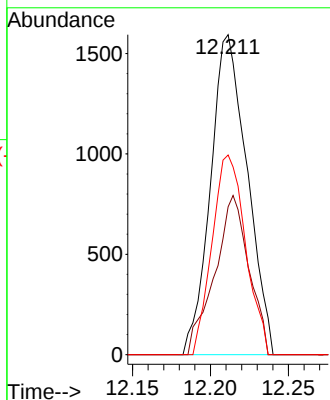
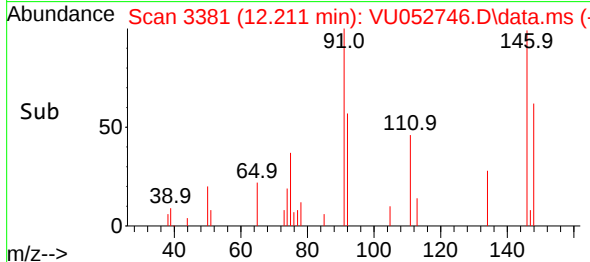
Instrument :
MSVOA_U
ClientSampleId :
MDL05



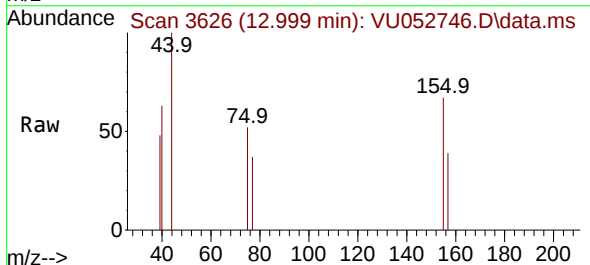
Tgt Ion:146 Resp: 260
Ion Ratio Lower Upper
146 100
111 46.4 21.1 63.1
148 57.0 31.4 94.0

Manual Integrations
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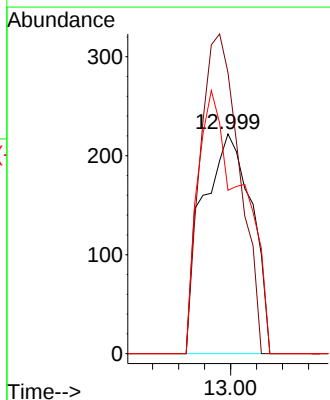
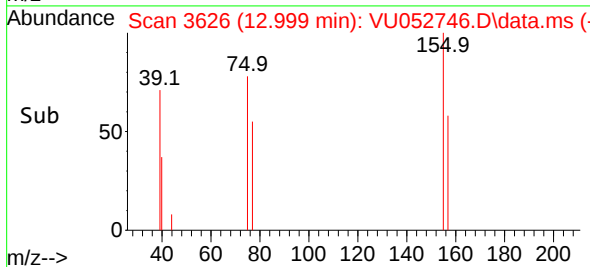
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

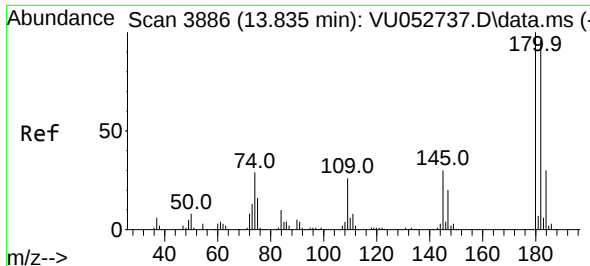


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.377 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.010 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



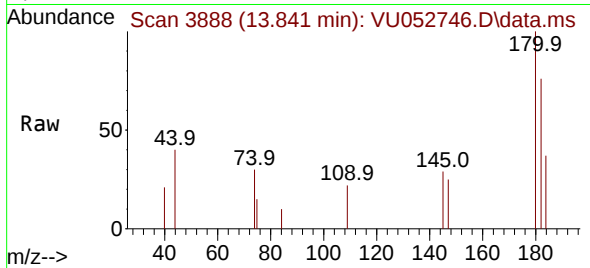
Tgt Ion: 75 Resp: 291
Ion Ratio Lower Upper
75 100
155 115.8 41.4 124.4
157 107.6 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 0.686 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.007 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

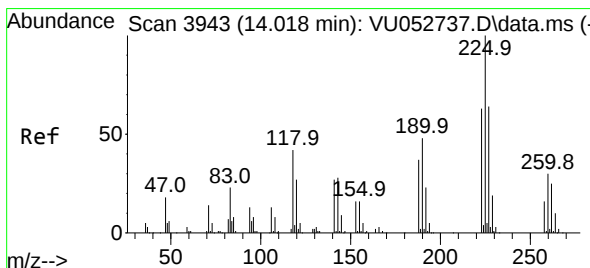
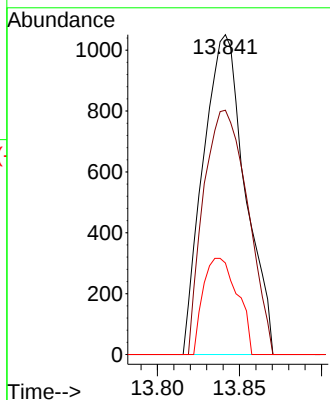
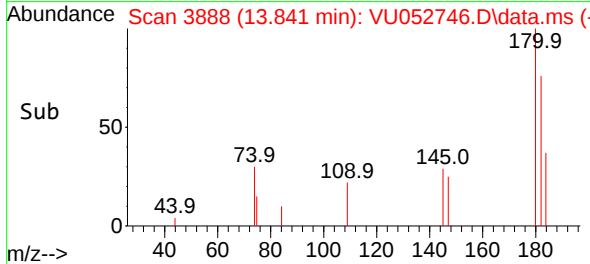
Instrument :
MSVOA_U
ClientSampleId :
MDL05



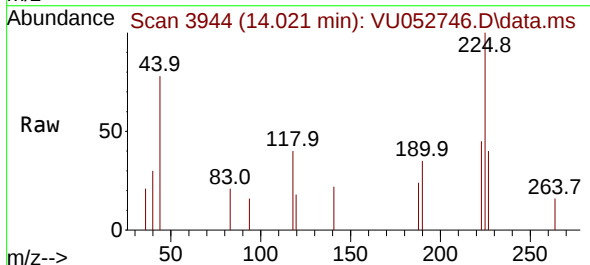
Tgt Ion:180 Resp: 1870
Ion Ratio Lower Upper
180 100
182 80.2 47.4 142.3
145 24.5 14.9 44.5

Manual Integrations
APPROVED

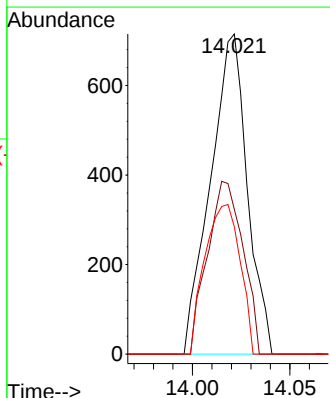
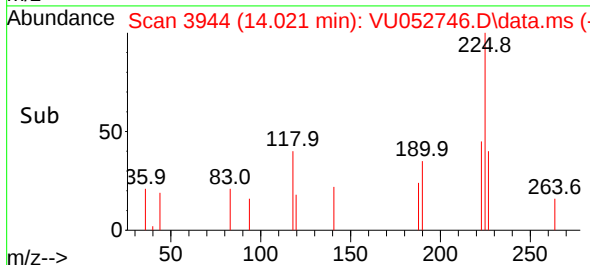
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

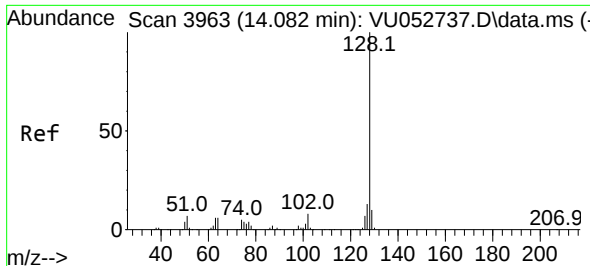


#94
Hexachlorobutadiene
Concen: 0.621 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31



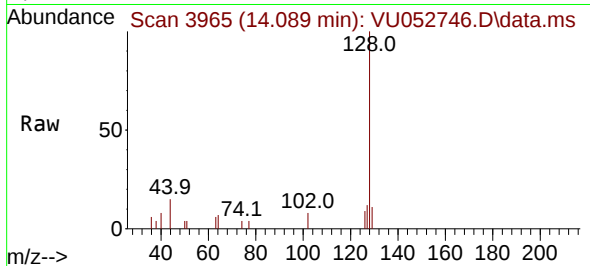
Tgt Ion:225 Resp: 938
Ion Ratio Lower Upper
225 100
223 52.1 31.8 95.3
227 44.8 31.8 95.4





#95
Naphthalene
Concen: 0.746 ug/l
RT: 14.089 min Scan# 3963
Delta R.T. 0.007 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

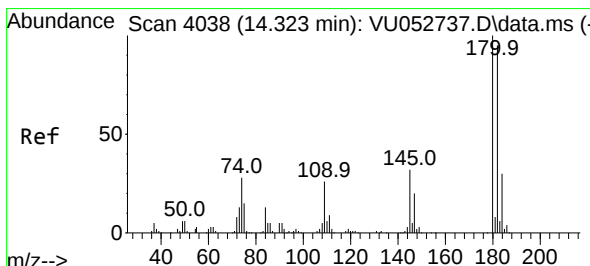
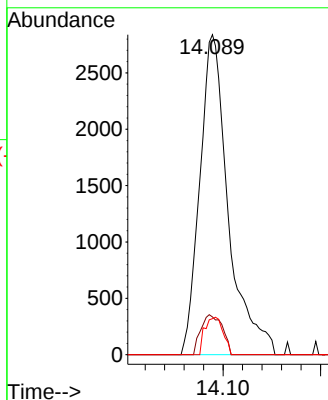
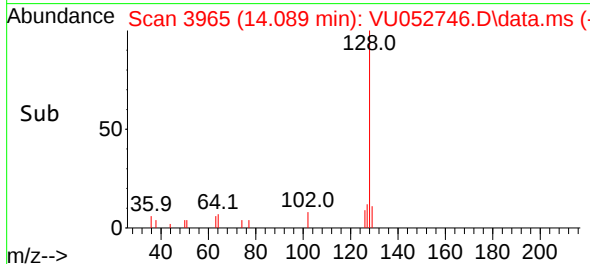
Instrument :
MSVOA_U
ClientSampleId :
MDL05



Tgt Ion:128 Resp: 5772
Ion Ratio Lower Upper
128 100
127 9.5 10.3 15.5
129 7.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.713 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.004 min
Lab File: VU052746.D
Acq: 19 Jan 2023 19:31

Tgt Ion:180 Resp: 1929
Ion Ratio Lower Upper
180 100
182 85.7 48.1 144.3
145 24.3 15.8 47.4

