

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052735.D
 Acq On : 19 Jan 2023 13:21
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jan 20 00:34:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 00:33:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	188197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	311348	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	285353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	142767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	15460	5.236	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.480%#		
35) Dibromofluoromethane	5.282	113	11683	5.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.860%#		
50) Toluene-d8	7.893	98	42608	5.186	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.380%#		
62) 4-Bromofluorobenzene	10.629	95	14327	4.811	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	12197	5.262	ug/l	96
3) Chloromethane	1.520	50	13257	4.066	ug/l	94
4) Vinyl Chloride	1.604	62	12495	4.375	ug/l	100
5) Bromomethane	1.858	94	5498	3.397	ug/l	100
6) Chloroethane	1.932	64	8204	4.746	ug/l	97
7) Trichlorofluoromethane	2.131	101	18699	5.079	ug/l	92
8) Diethyl Ether	2.372	74	7295	4.893	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.575	101	11433	5.235	ug/l	97
10) Methyl Iodide	2.719	142	6424	2.926	ug/l	99
11) Tert butyl alcohol	3.359	59	11426m	19.774	ug/l	
12) 1,1-Dichloroethene	2.575	96	10788	5.012	ug/l	89
13) Acrolein	2.488	56	14743	22.072	ug/l	95
14) Allyl chloride	2.919	41	16938	4.082	ug/l	98
15) Acrylonitrile	3.317	53	33528	21.714	ug/l	100
16) Acetone	2.639	43	34566	23.050	ug/l	99
17) Carbon Disulfide	2.790	76	32164	4.754	ug/l	97
18) Methyl Acetate	2.948	43	18362	4.225	ug/l	98
19) Methyl tert-butyl Ether	3.359	73	35188	4.719	ug/l	93
20) Methylene Chloride	3.044	84	16068	5.043	ug/l	98
21) trans-1,2-Dichloroethene	3.350	96	11168	4.789	ug/l	97
22) Diisopropyl ether	3.986	45	34401	4.295	ug/l #	80
23) Vinyl Acetate	3.951	43	126054	20.237	ug/l	99
24) 1,1-Dichloroethane	3.864	63	22949	4.822	ug/l	98
25) 2-Butanone	4.713	43	43704	21.315	ug/l	97
26) 2,2-Dichloropropane	4.658	77	18748	5.007	ug/l	97
27) cis-1,2-Dichloroethene	4.665	96	12373	4.626	ug/l	93
28) Bromochloromethane	4.970	49	9619	4.447	ug/l	97
29) Tetrahydrofuran	5.057	42	24928	20.124	ug/l	96
30) Chloroform	5.086	83	24732	5.053	ug/l	99
31) Cyclohexane	5.378	56	22257	5.008	ug/l #	90
32) 1,1,1-Trichloroethane	5.308	97	19723	5.114	ug/l	97
36) 1,1-Dichloropropene	5.520	75	15672	4.725	ug/l	98
37) Ethyl Acetate	4.803	43	18416m	4.411	ug/l	
38) Carbon Tetrachloride	5.520	117	16442	5.250	ug/l	95
39) Methylcyclohexane	6.758	83	17598	4.609	ug/l	98
40) Benzene	5.767	78	50304	5.113	ug/l	99

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Jan 20 00:34:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 00:33:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	7752	3.986	ug/l	94
42) 1,2-Dichloroethane	5.790	62	18577	5.237	ug/l	98
43) Isopropyl Acetate	5.909	43	23275	4.260	ug/l	98
44) Trichloroethene	6.539	130	12285	5.239	ug/l	92
45) 1,2-Dichloropropane	6.787	63	13385	4.966	ug/l	95
46) Dibromomethane	6.912	93	8832	5.137	ug/l	97
47) Bromodichloromethane	7.102	83	17962	5.113	ug/l	99
48) Methyl methacrylate	6.960	41	9972	3.921	ug/l	98
49) 1,4-Dioxane	7.034	88	4516m	93.202	ug/l	
51) 4-Methyl-2-Pentanone	7.793	43	74846	21.016	ug/l	97
52) Toluene	7.967	92	29452	5.071	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	16856	4.553	ug/l	98
54) cis-1,3-Dichloropropene	7.603	75	18218	4.544	ug/l	96
55) 1,1,2-Trichloroethane	8.398	97	12557	5.218	ug/l	99
56) Ethyl methacrylate	8.330	69	15005	4.274	ug/l	97
57) 1,3-Dichloropropane	8.571	76	21755	5.111	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	1936	15.503	ug/l #	79
59) 2-Hexanone	8.690	43	56816	20.850	ug/l	99
60) Dibromochloromethane	8.806	129	12973	5.162	ug/l	99
61) 1,2-Dibromoethane	8.922	107	12689	5.199	ug/l	95
64) Tetrachloroethene	8.549	164	10167	5.480	ug/l	88
65) Chlorobenzene	9.443	112	31787	5.263	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.529	131	12271	5.592	ug/l	97
67) Ethyl Benzene	9.568	91	50118	4.809	ug/l	99
68) m/p-Xylenes	9.690	106	37365	9.471	ug/l	100
69) o-Xylene	10.095	106	17858	4.755	ug/l	98
70) Styrene	10.111	104	28764	4.574	ug/l	100
71) Bromoform	10.288	173	9837	5.306	ug/l #	98
73) Isopropylbenzene	10.481	105	45499	4.699	ug/l	100
74) N-amyl acetate	10.320	43	16468	3.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.780	83	20140	4.957	ug/l	95
76) 1,2,3-Trichloropropane	10.819	75	20913	4.714	ug/l	90
77) Bromobenzene	10.780	156	13169	5.417	ug/l	97
78) n-propylbenzene	10.902	91	51621	4.406	ug/l	100
79) 2-Chlorotoluene	10.983	91	35329	4.916	ug/l	97
80) 1,3,5-Trimethylbenzene	11.082	105	36560	4.479	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.542	75	4411	3.841	ug/l	98
82) 4-Chlorotoluene	11.095	91	37629	4.610	ug/l	99
83) tert-Butylbenzene	11.417	119	39225	4.819	ug/l	98
84) 1,2,4-Trimethylbenzene	11.465	105	35652	4.434	ug/l	98
85) sec-Butylbenzene	11.639	105	45648	4.461	ug/l	99
86) p-Isopropyltoluene	11.790	119	37773	4.498	ug/l	97
87) 1,3-Dichlorobenzene	11.742	146	23488	5.009	ug/l	98
88) 1,4-Dichlorobenzene	11.835	146	25495	5.330	ug/l	96
89) n-Butylbenzene	12.205	91	32051	4.233	ug/l	97
90) Hexachloroethane	12.471	117	8036	4.907	ug/l	94
91) 1,2-Dichlorobenzene	12.211	146	24156	5.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	3973	4.579	ug/l	95
93) 1,2,4-Trichlorobenzene	13.838	180	11762	4.319	ug/l	99
94) Hexachlorobutadiene	14.015	225	7816	5.396	ug/l	92
95) Naphthalene	14.082	128	30373	3.737	ug/l	98
96) 1,2,3-Trichlorobenzene	14.327	180	12302	4.501	ug/l	93

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Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

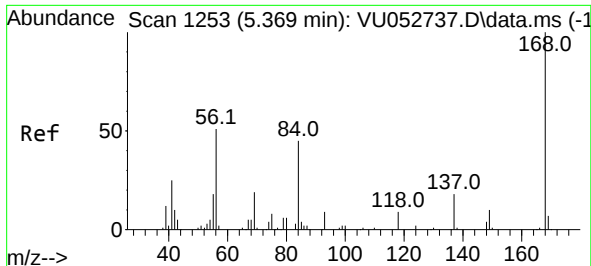
Manual Integrations
APPROVED

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

Quant Time: Jan 20 00:34:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 20 00:33:41 2023
Response via : Initial Calibration

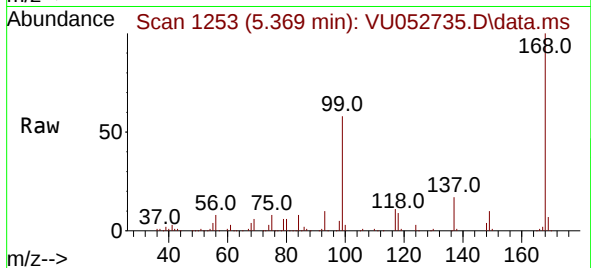
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

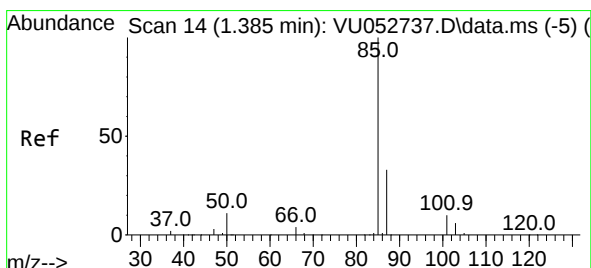
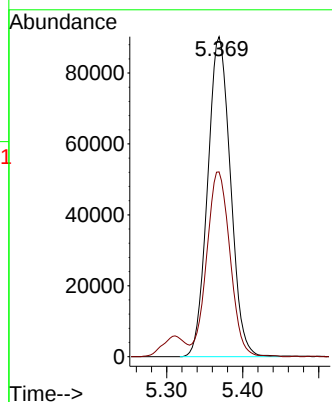
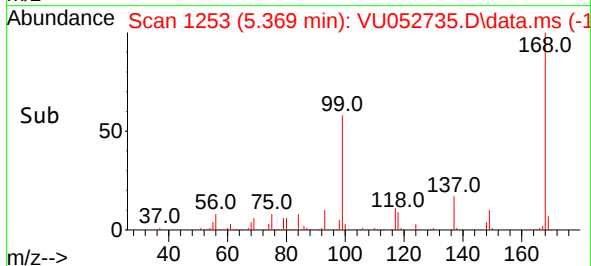
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 18819
Ion Ratio Lower Upper
168 100
99 57.6 46.4 69.6

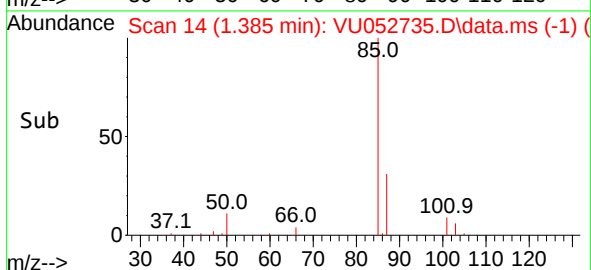
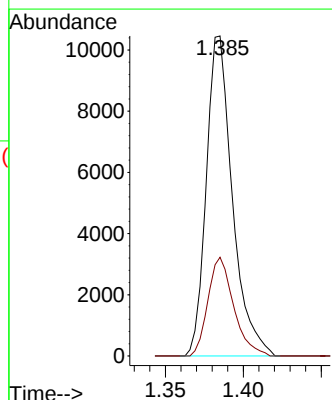
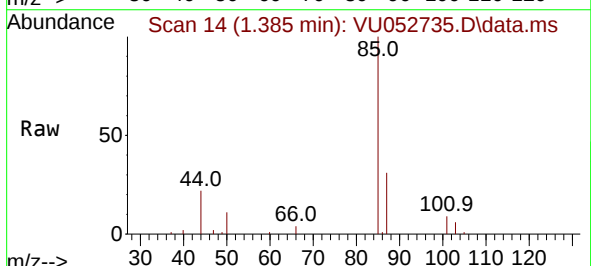
Manual Integrations
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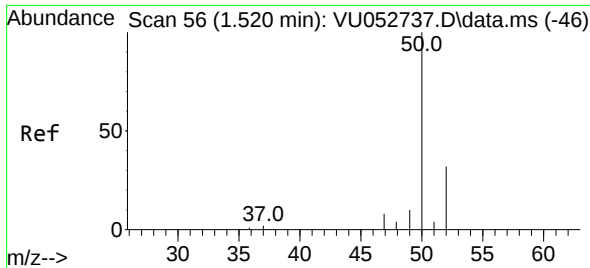
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#2
Dichlorodifluoromethane
Concen: 5.262 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 85 Resp: 12197
Ion Ratio Lower Upper
85 100
87 30.9 16.6 49.7





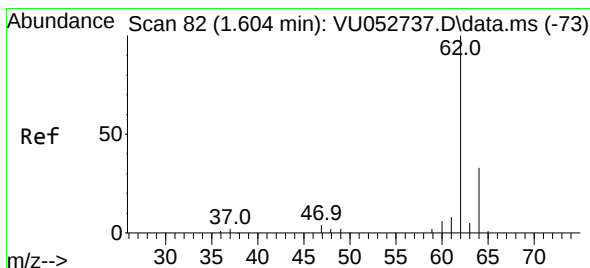
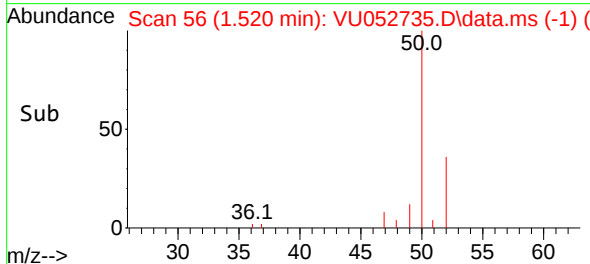
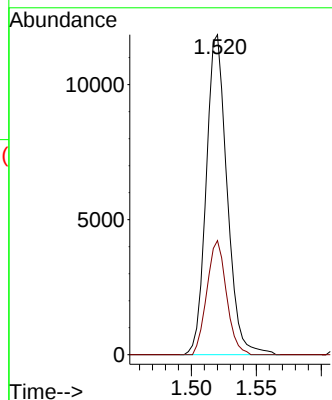
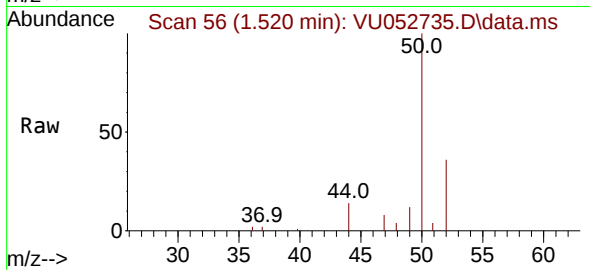
#3
Chloromethane
Concen: 4.066 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 1325
Ion Ratio Lower Upper
50 100
52 35.6 25.8 38.6

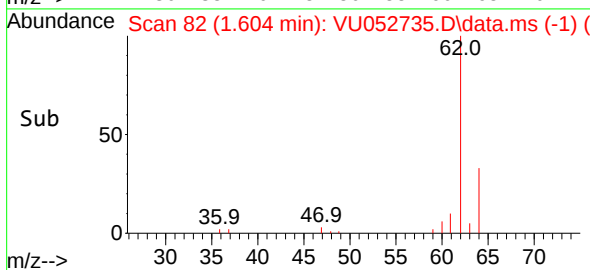
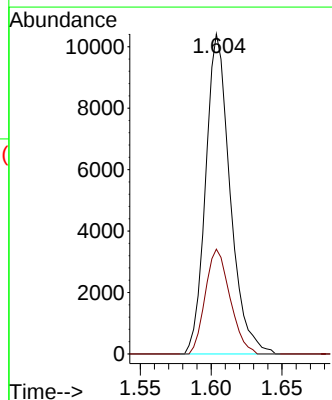
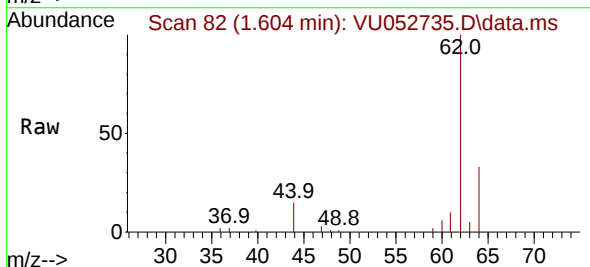
Manual Integrations
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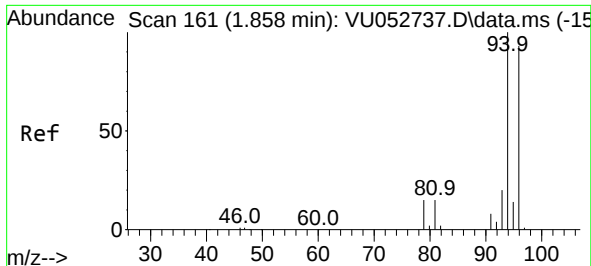
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#4
Vinyl Chloride
Concen: 4.375 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

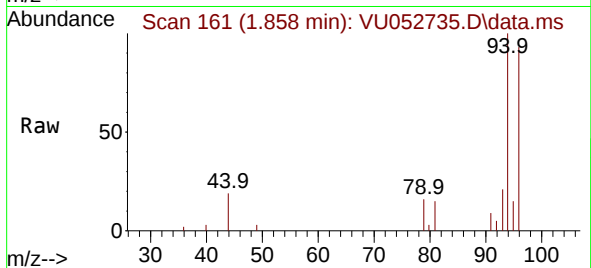
Tgt Ion: 62 Resp: 12495
Ion Ratio Lower Upper
62 100
64 32.7 26.1 39.1





#5
Bromomethane
Concen: 3.397 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

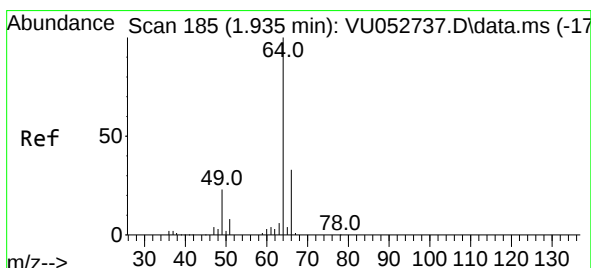
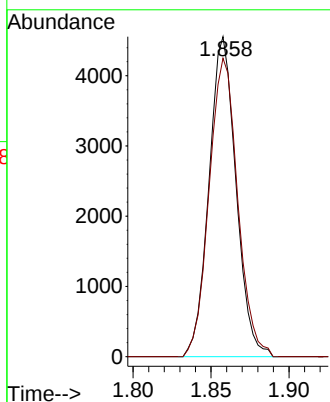
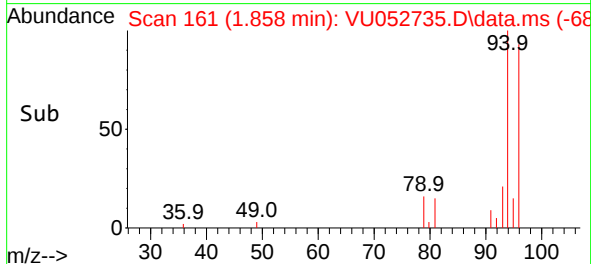
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 5498
Ion Ratio Lower Upper
94 100
96 93.2 74.3 111.5

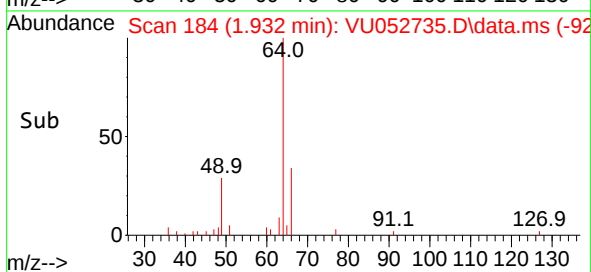
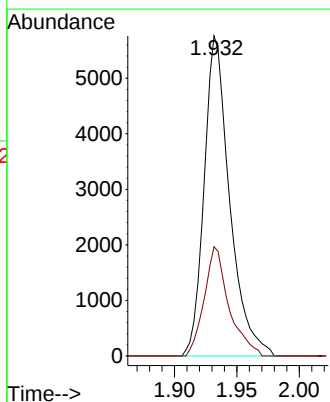
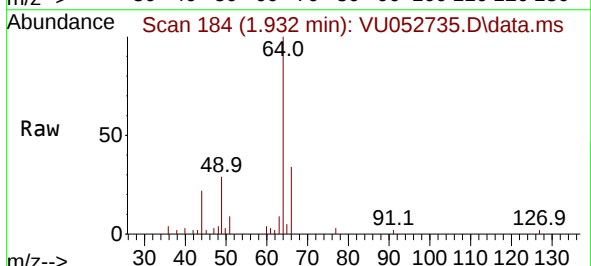
Manual Integrations
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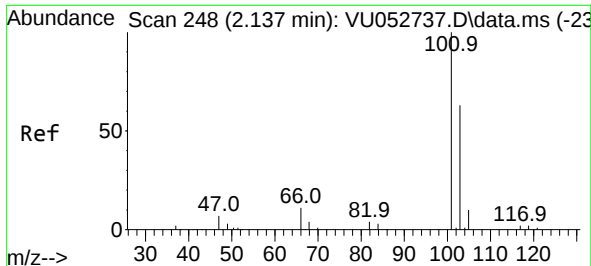
Reviewed By :John Carlone 01/20/2023
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#6
Chloroethane
Concen: 4.746 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

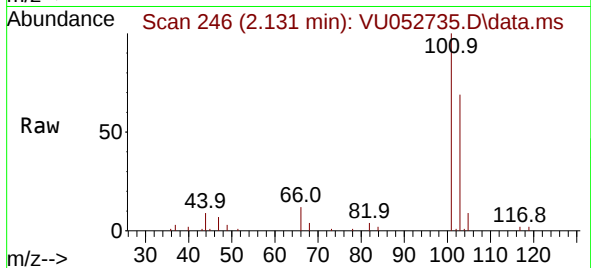
Tgt Ion: 64 Resp: 8204
Ion Ratio Lower Upper
64 100
66 34.1 26.1 39.1





#7
Trichlorofluoromethane
Concen: 5.079 ug/l
RT: 2.131 min Scan# 248
Delta R.T. -0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

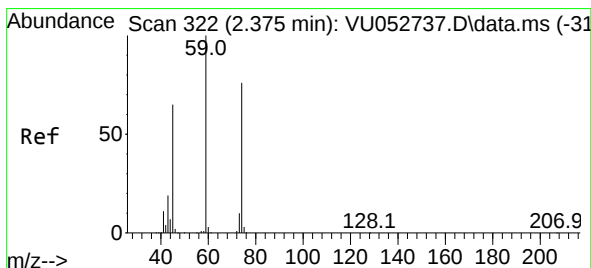
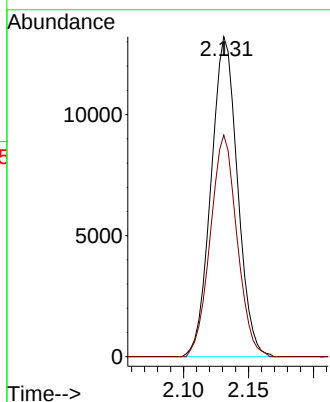
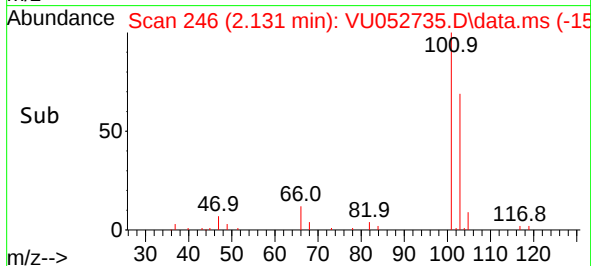
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 1869
Ion Ratio Lower Upper
101 100
103 69.3 50.7 76.1

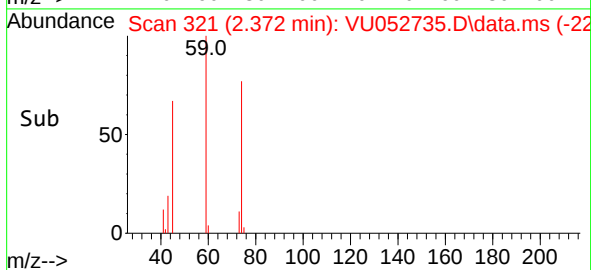
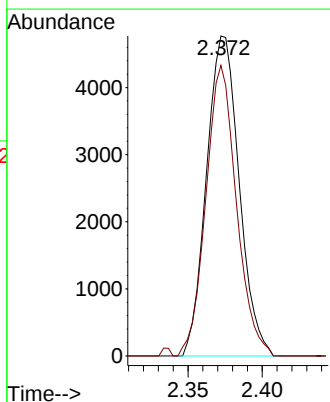
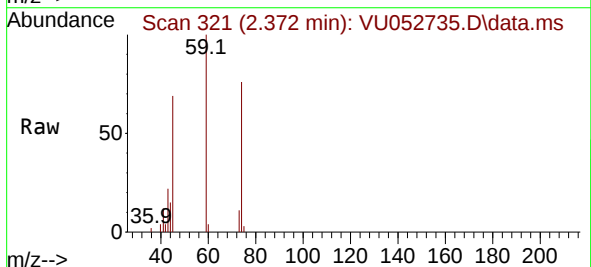
Manual Integrations
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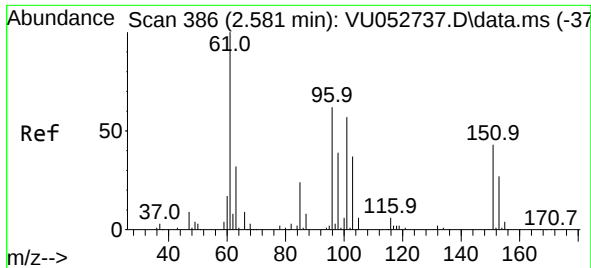
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#8
Diethyl Ether
Concen: 4.893 ug/l
RT: 2.372 min Scan# 321
Delta R.T. -0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 74 Resp: 7295
Ion Ratio Lower Upper
74 100
45 85.0 42.4 127.3





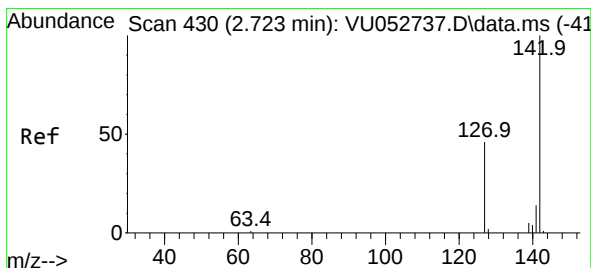
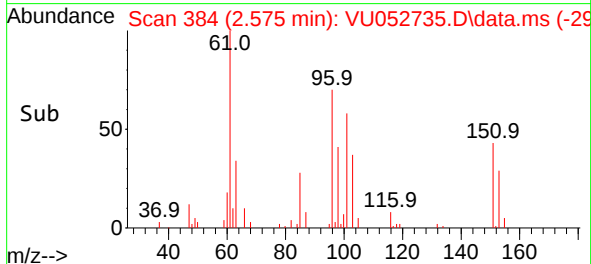
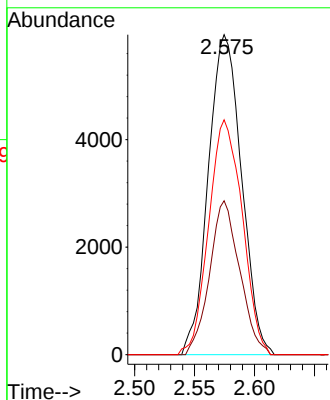
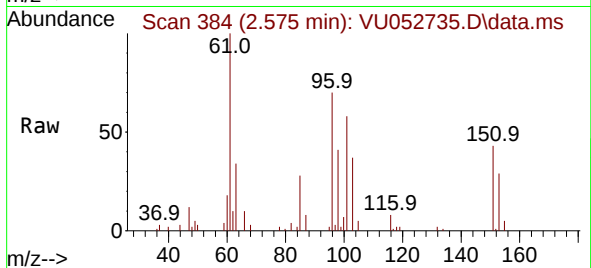
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.235 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1143
Ion Ratio Lower Upper
101 100
85 43.7 35.1 52.7
151 74.1 61.9 92.9

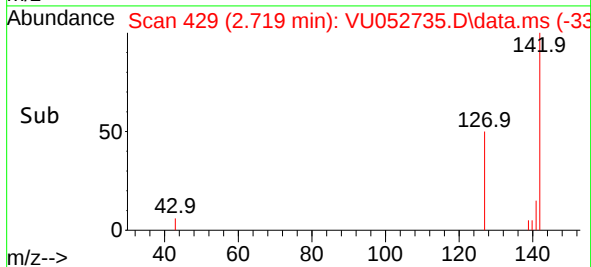
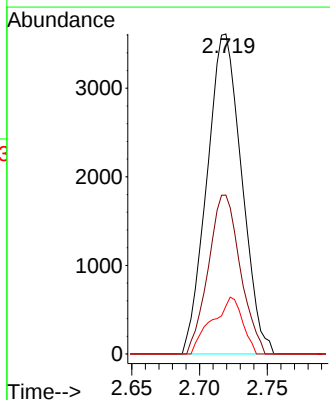
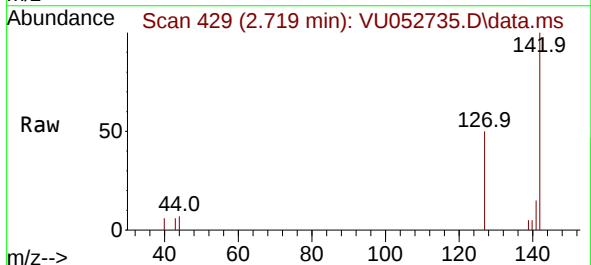
Manual Integrations
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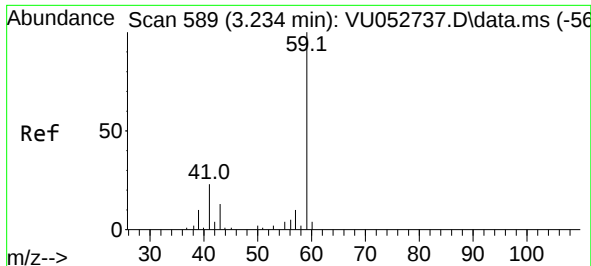
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#10
Methyl Iodide
Concen: 2.926 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:142 Resp: 6424
Ion Ratio Lower Upper
142 100
127 45.7 36.3 54.5
141 15.6 11.8 17.6





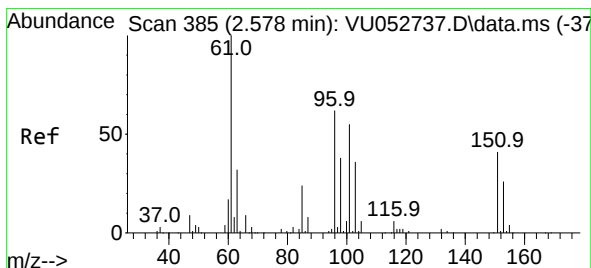
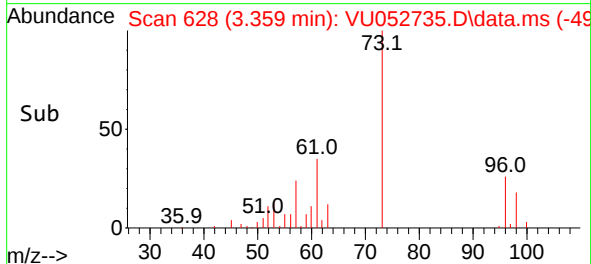
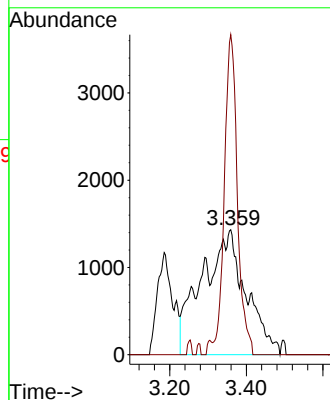
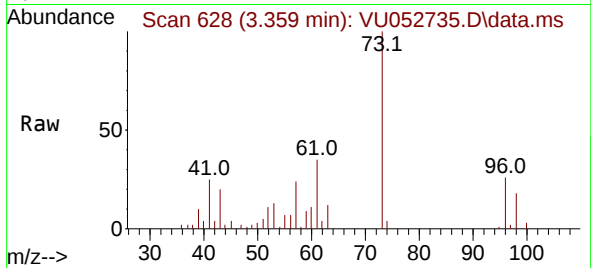
#11
Tert butyl alcohol
Concen: 19.774 ug/l m
RT: 3.359 min Scan# 61
Delta R.T. 0.125 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 11420
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6

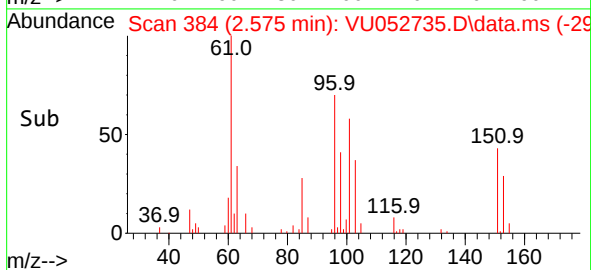
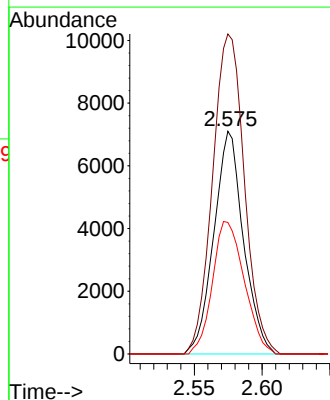
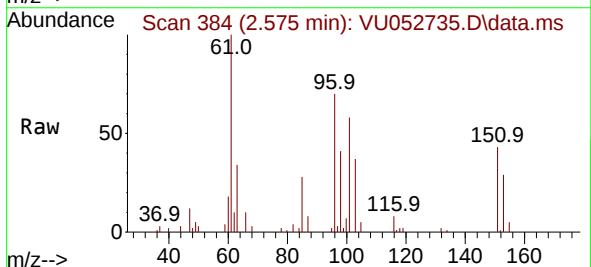
Manual Integrations
APPROVED

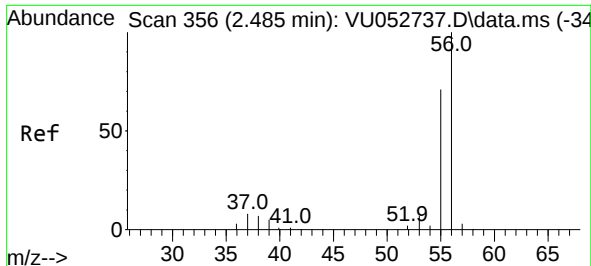
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#12
1,1-Dichloroethene
Concen: 5.012 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 96 Resp: 10788
Ion Ratio Lower Upper
96 100
61 143.7 129.8 194.6
98 59.1 49.9 74.9





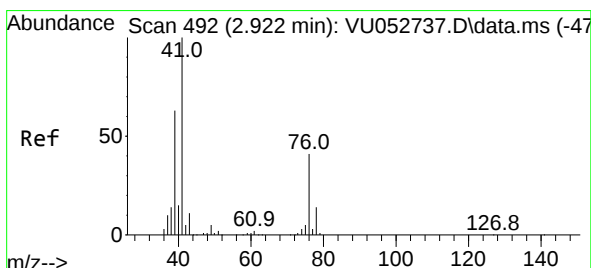
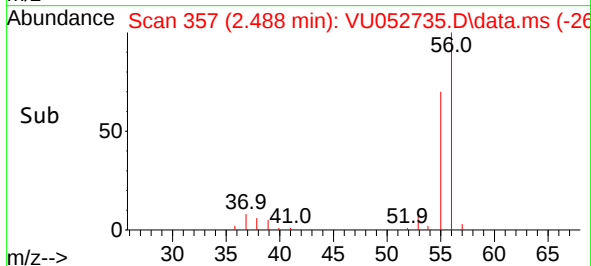
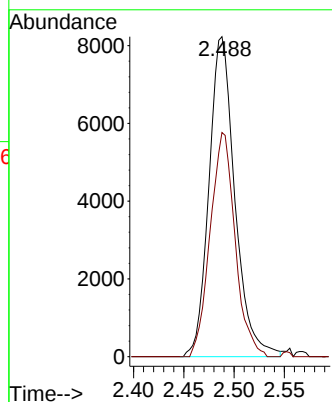
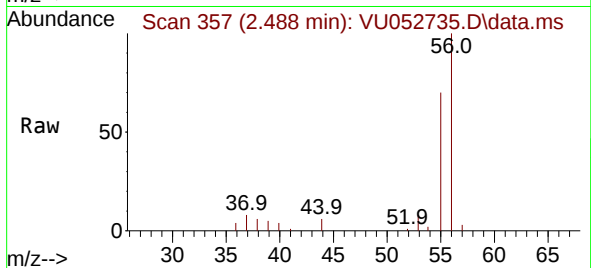
#13
Acrolein
Concen: 22.072 ug/l
RT: 2.488 min Scan# 356
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 1474
Ion Ratio Lower Upper
56 100
55 67.4 57.2 85.8

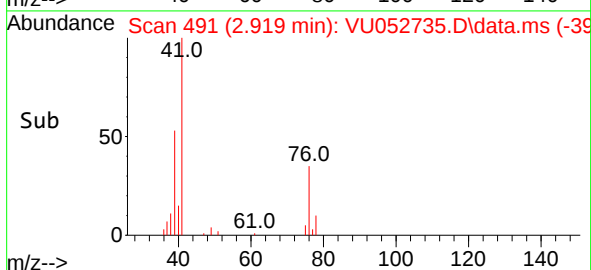
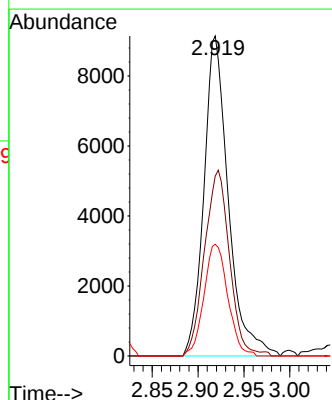
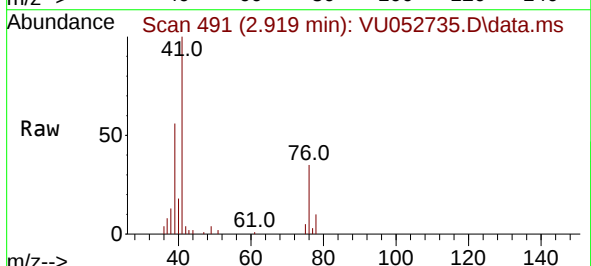
Manual Integrations
APPROVED

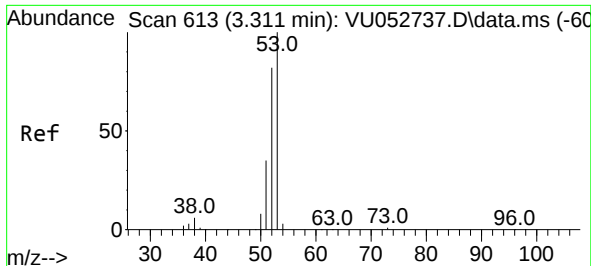
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#14
Allyl chloride
Concen: 4.082 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

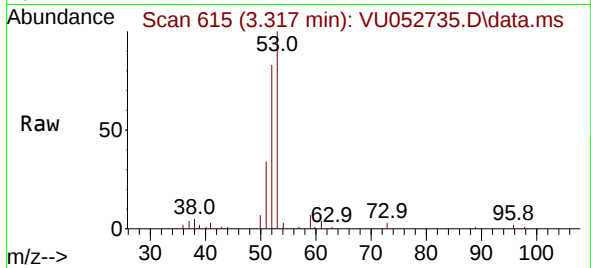
Tgt Ion: 41 Resp: 16938
Ion Ratio Lower Upper
41 100
39 59.5 48.2 72.2
76 34.1 29.4 44.0





#15
Acrylonitrile
Concen: 21.714 ug/l
RT: 3.317 min Scan# 613
Delta R.T. 0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

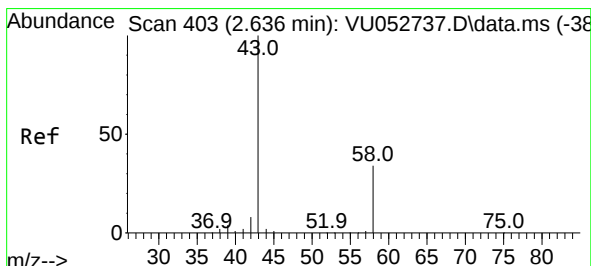
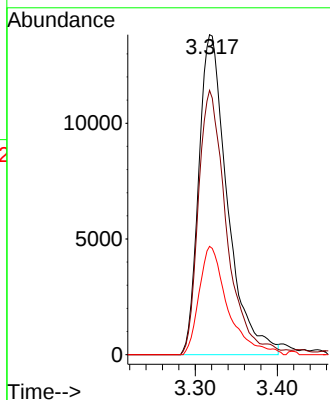
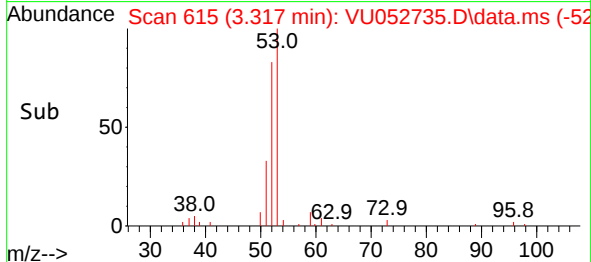
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



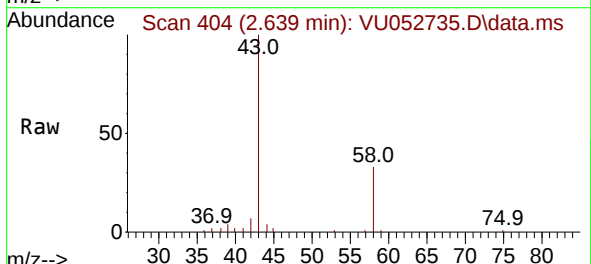
Tgt Ion: 53 Resp: 33528
Ion Ratio Lower Upper
53 100
52 81.0 64.9 97.3
51 33.8 27.6 41.4

Manual Integrations
APPROVED

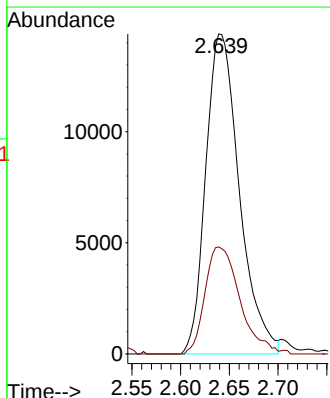
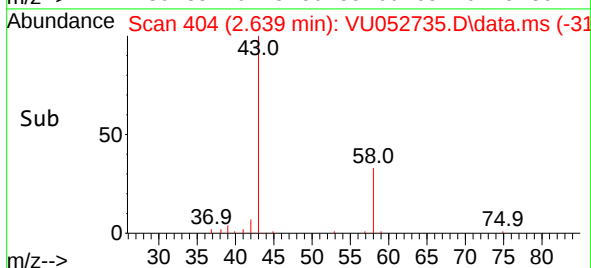
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

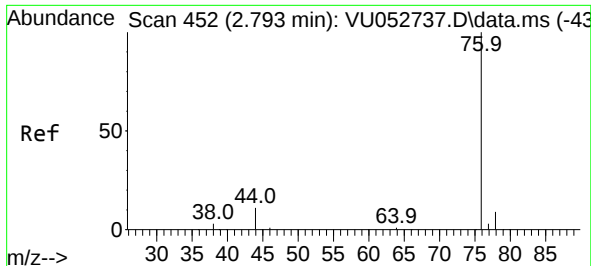


#16
Acetone
Concen: 23.050 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21



Tgt Ion: 43 Resp: 34566
Ion Ratio Lower Upper
43 100
58 33.5 27.1 40.7





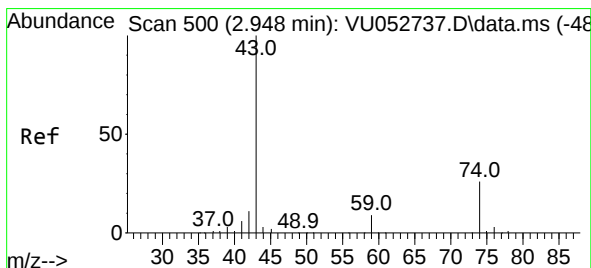
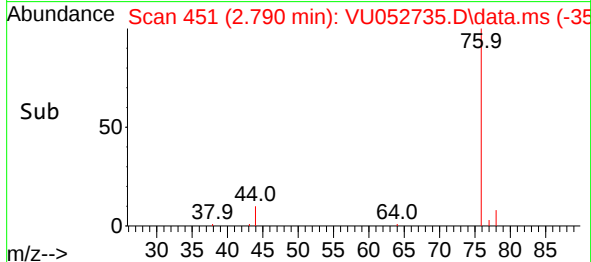
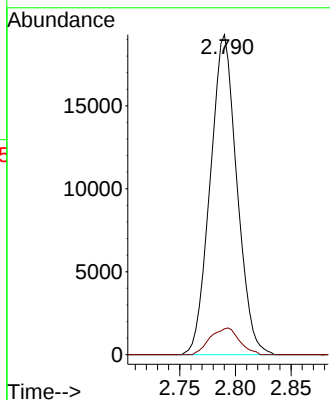
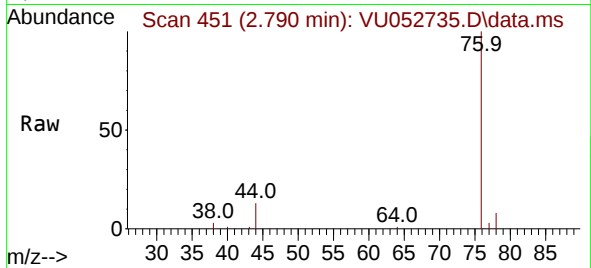
#17
Carbon Disulfide
Concen: 4.754 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 32164
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2

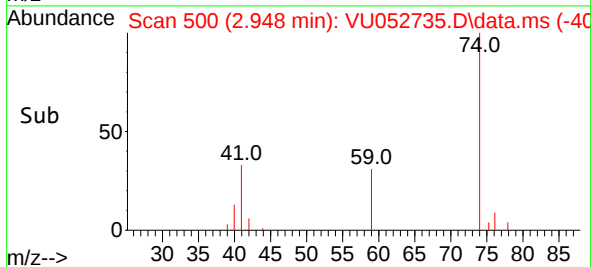
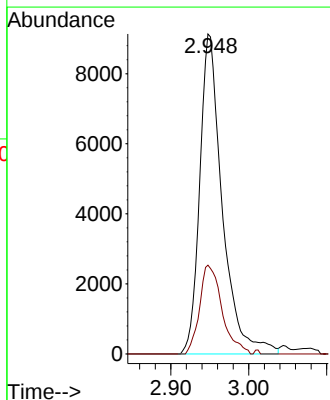
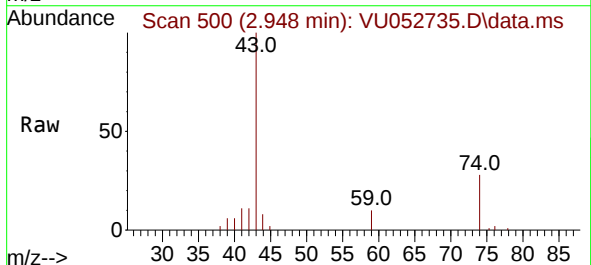
Manual Integrations
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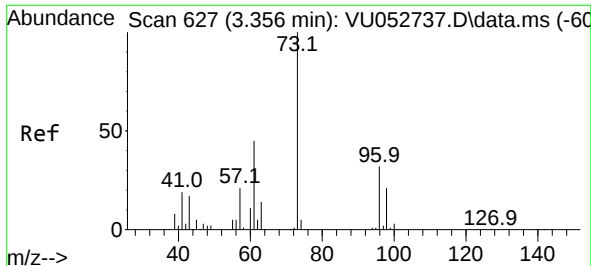
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#18
Methyl Acetate
Concen: 4.225 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 43 Resp: 18362
Ion Ratio Lower Upper
43 100
74 27.6 21.1 31.7





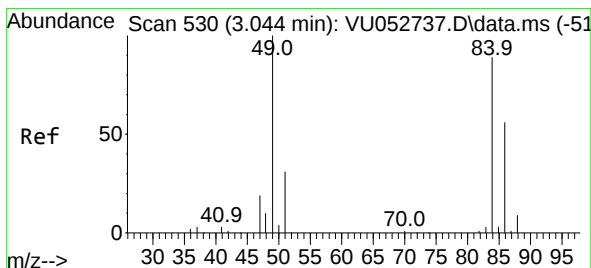
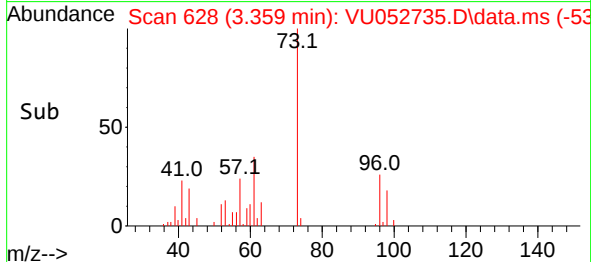
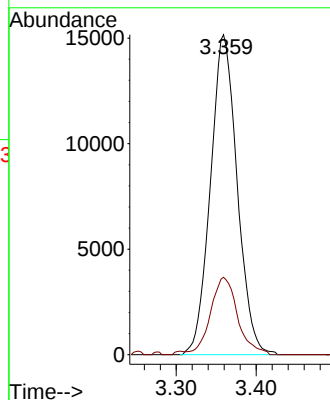
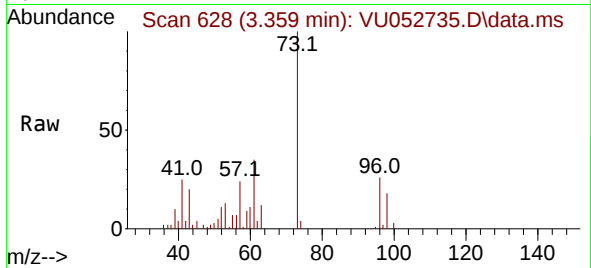
#19
Methyl tert-butyl Ether
Concen: 4.719 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 3518
Ion Ratio Lower Upper
73 100
57 24.2 16.9 25.3

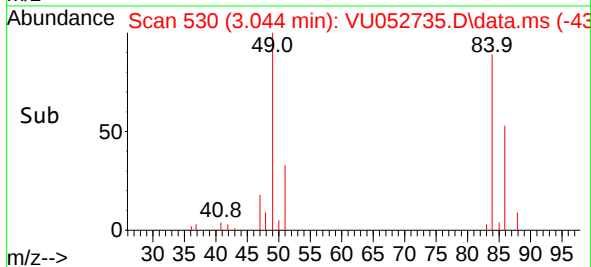
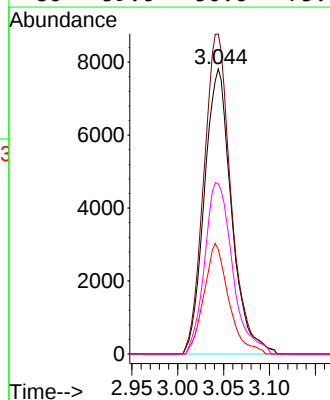
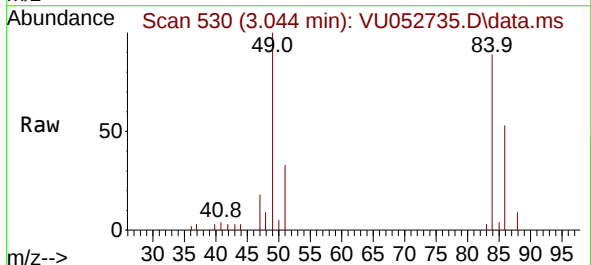
Manual Integrations
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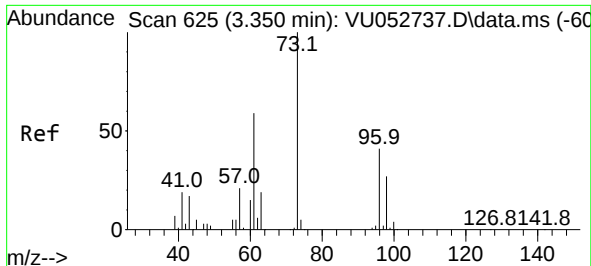
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#20
Methylene Chloride
Concen: 5.043 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 84 Resp: 16068
Ion Ratio Lower Upper
84 100
49 112.2 90.2 135.4
51 36.7 28.1 42.1
86 59.6 50.6 75.8





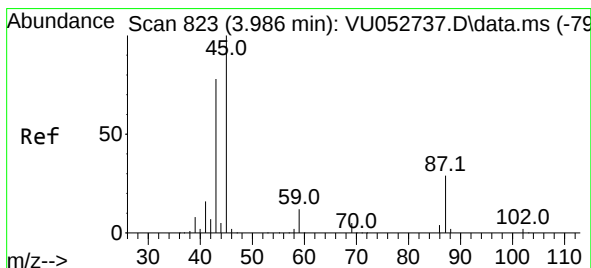
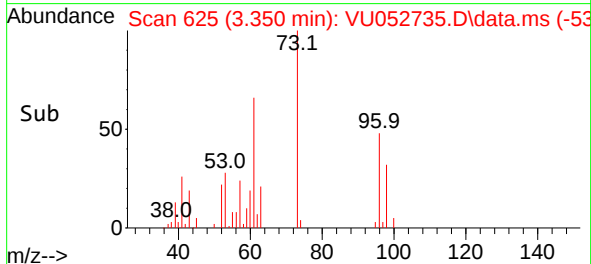
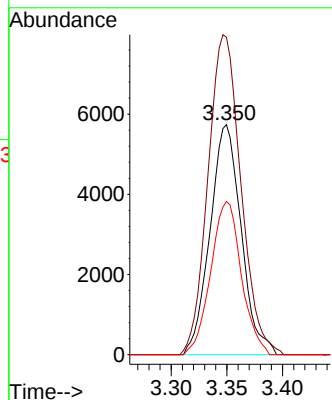
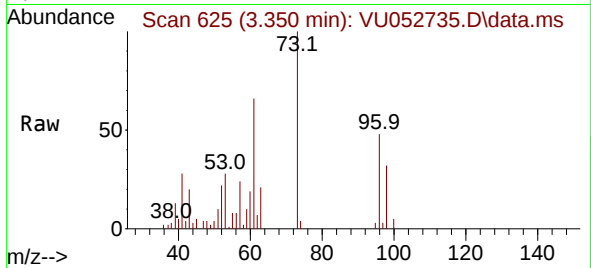
#21
trans-1,2-Dichloroethene
Concen: 4.789 ug/l
RT: 3.350 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 11168
Ion Ratio Lower Upper
96 100
61 138.0 114.7 172.1
98 66.6 52.4 78.6

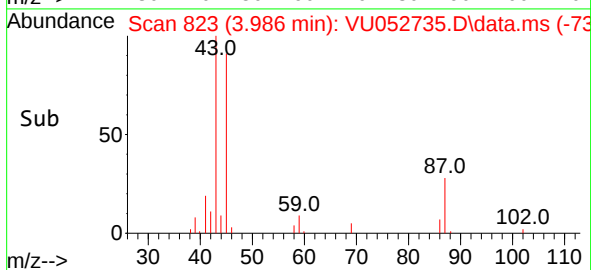
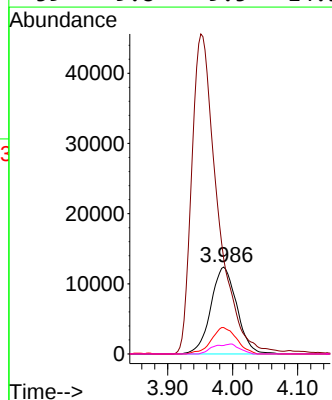
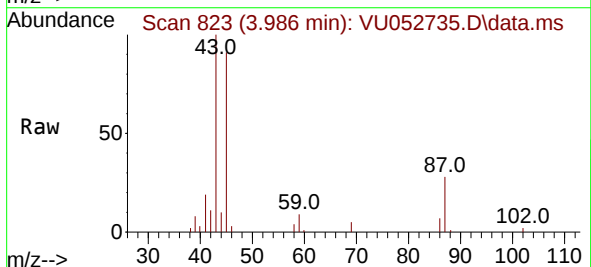
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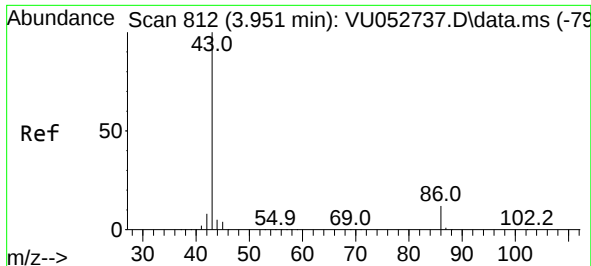
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#22
Diisopropyl ether
Concen: 4.295 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 45 Resp: 34401
Ion Ratio Lower Upper
45 100
43 106.2 64.6 97.0#
87 30.3 23.2 34.8
59 9.8 9.5 14.3





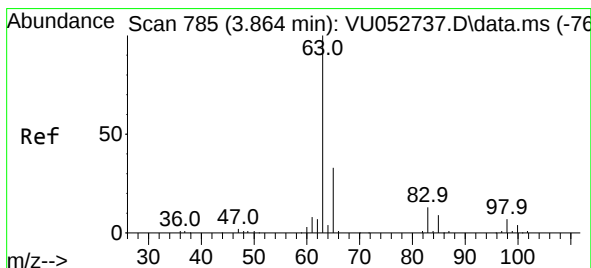
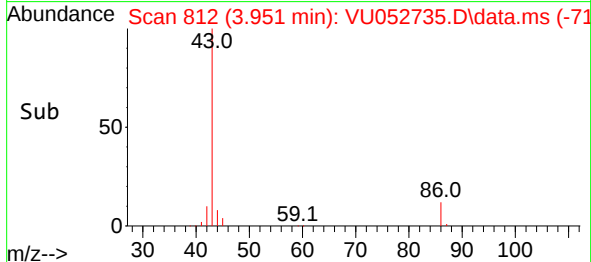
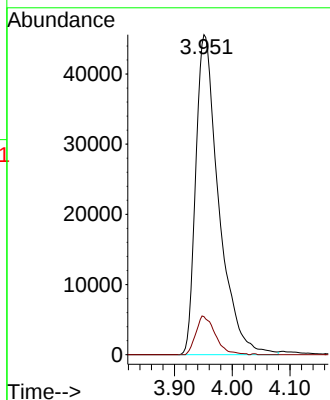
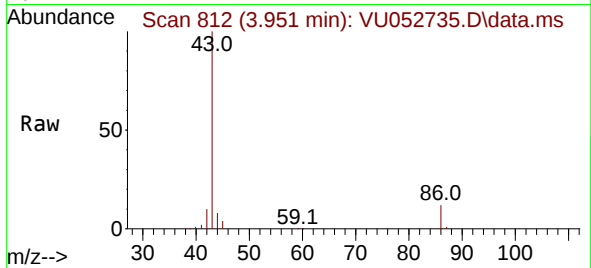
#23
 Vinyl Acetate
 Concen: 20.237 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU052735.D
 Acq: 19 Jan 2023 13:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 126054
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.0

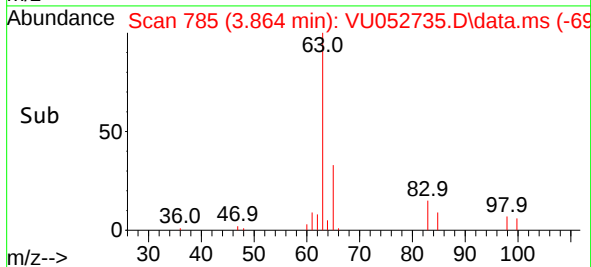
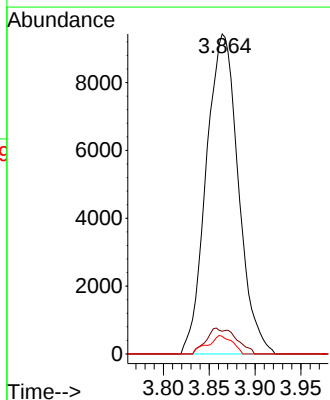
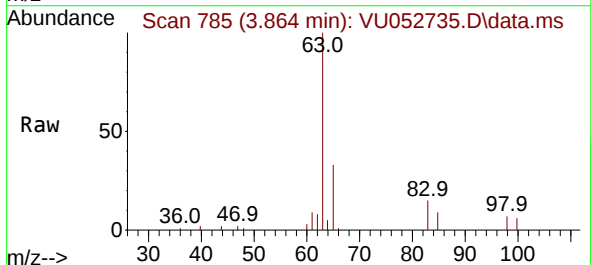
Manual Integrations
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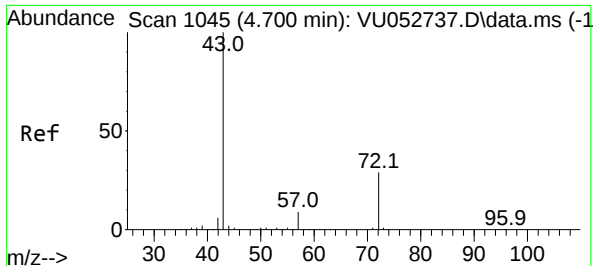
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#24
 1,1-Dichloroethane
 Concen: 4.822 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052735.D
 Acq: 19 Jan 2023 13:21

Tgt Ion: 63 Resp: 22949
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 5.5 2.2 6.6





#25

2-Butanone

Concen: 21.315 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.013 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 43704

Ion Ratio Lower Upper

43 100

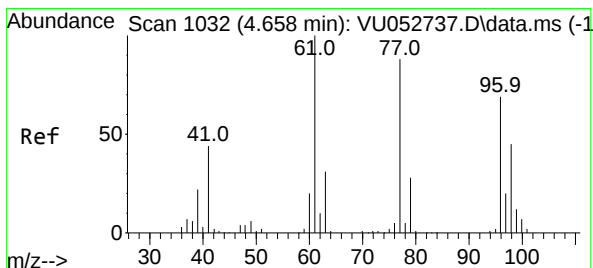
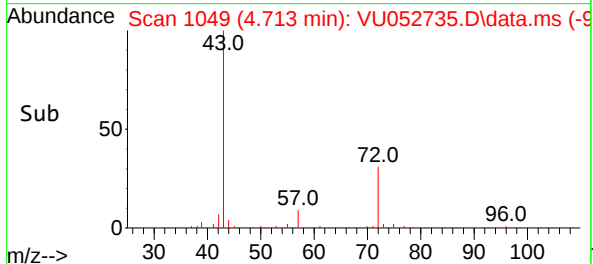
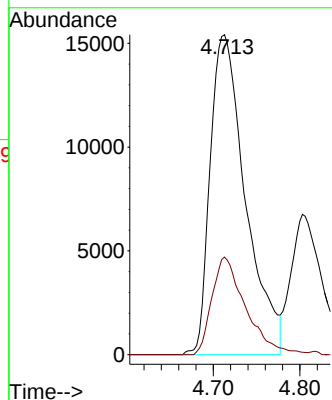
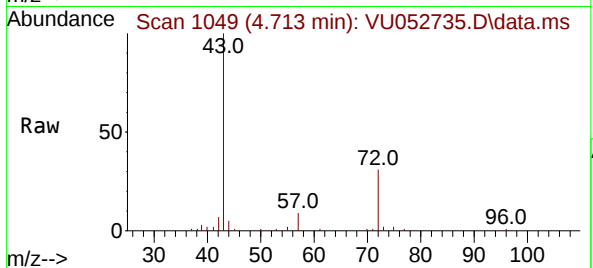
72 30.5 23.3 34.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#26

2,2-Dichloropropane

Concen: 5.007 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU052735.D

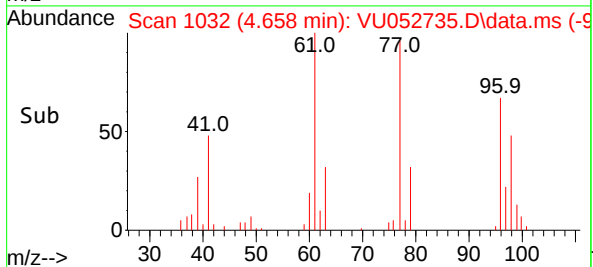
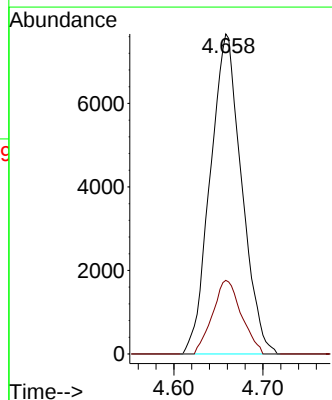
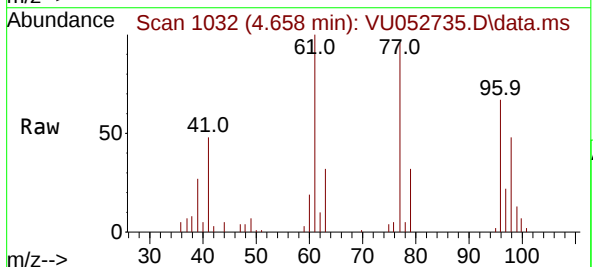
Acq: 19 Jan 2023 13:21

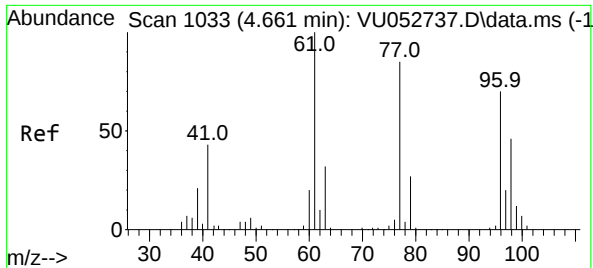
Tgt Ion: 77 Resp: 18748

Ion Ratio Lower Upper

77 100

97 21.1 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 4.626 ug/l
RT: 4.665 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

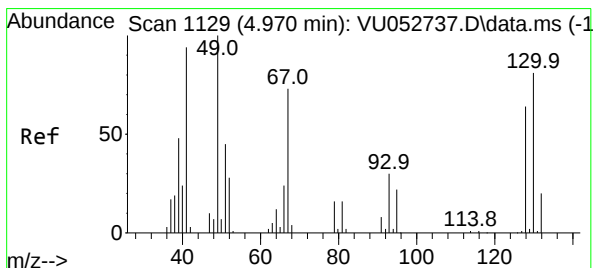
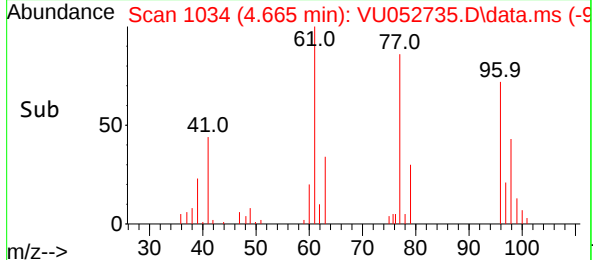
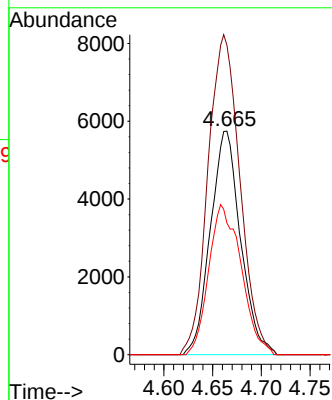
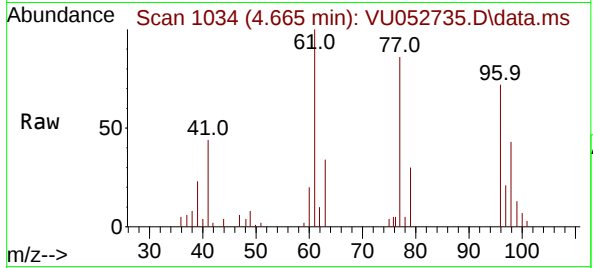
VSTDIC005

Tgt Ion: 96 Resp: 1237
Ion Ratio Lower Upper
96 100
61 151.3 0.0 287.2
98 72.0 0.0 128.4

Manual Integrations

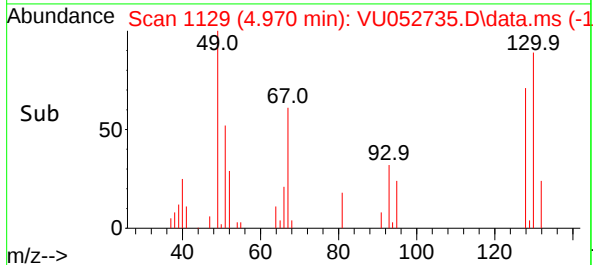
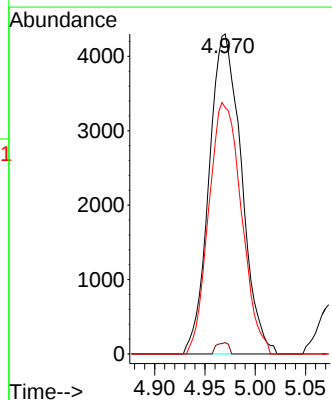
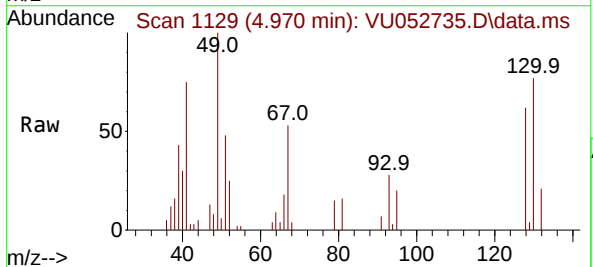
APPROVED

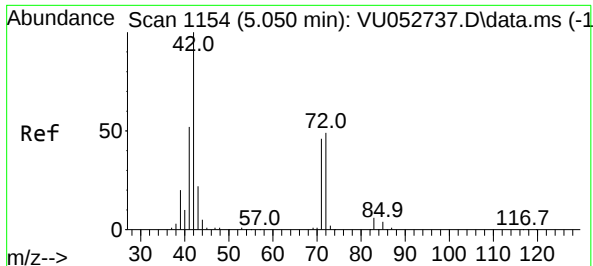
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#28
Bromochloromethane
Concen: 4.447 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 49 Resp: 9619
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.6
130 79.4 65.5 98.3





#29

Tetrahydrofuran

Concen: 20.124 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.006 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

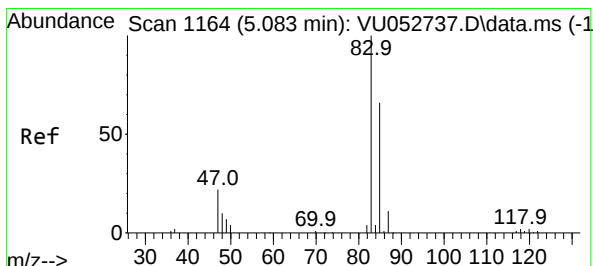
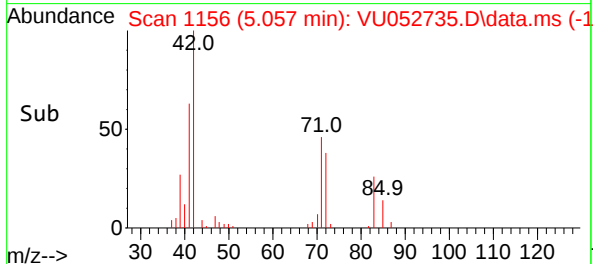
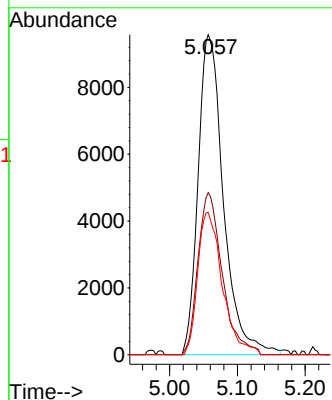
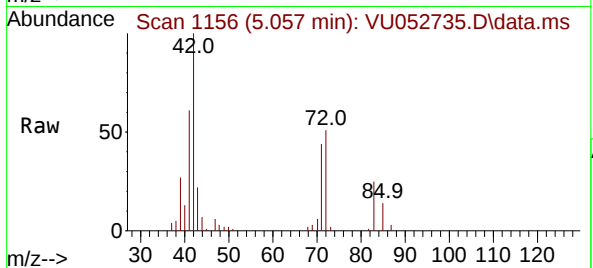
Tgt Ion:	42	Resp:	24928
Ion Ratio	Lower	Upper	
42	100		
72	48.5	40.5	60.7
71	43.2	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#30

Chloroform

Concen: 5.053 ug/l

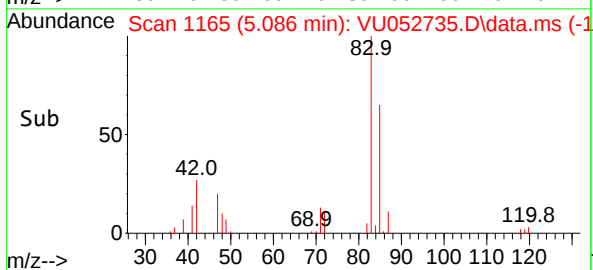
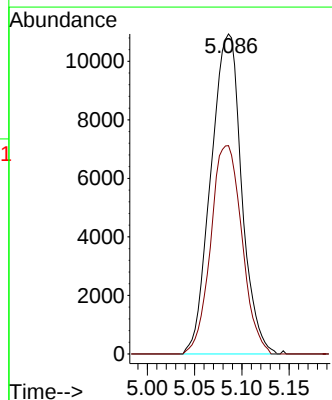
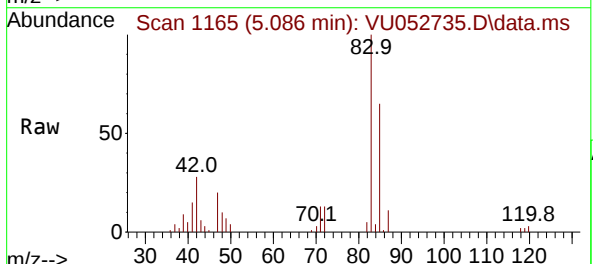
RT: 5.086 min Scan# 1165

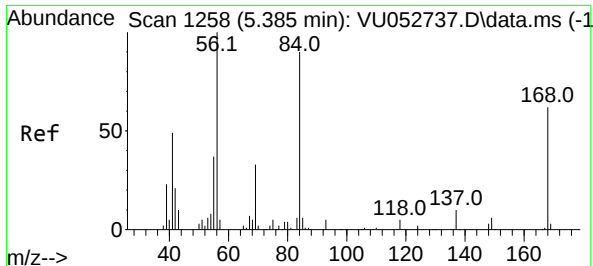
Delta R.T. 0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Tgt Ion:	83	Resp:	24732
Ion Ratio	Lower	Upper	
83	100		
85	65.1	52.6	79.0





#31

Cyclohexane

Concen: 5.008 ug/l

RT: 5.378 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 2225

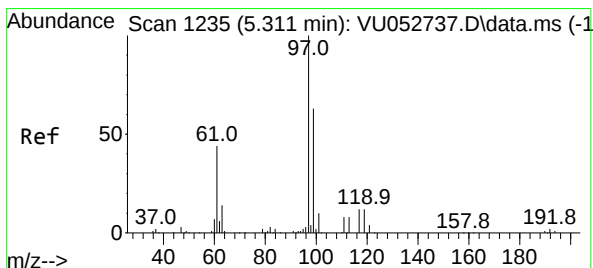
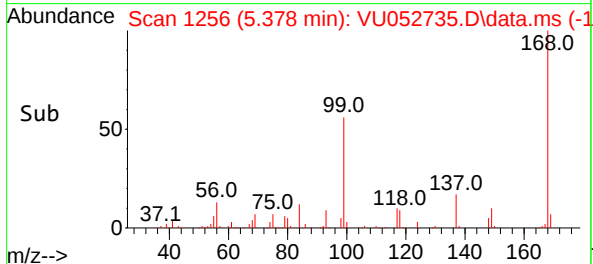
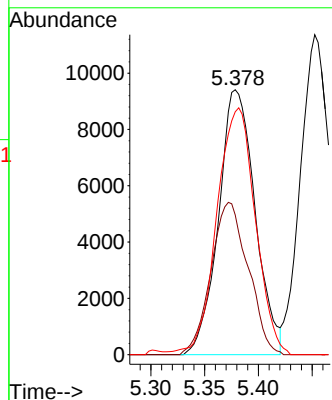
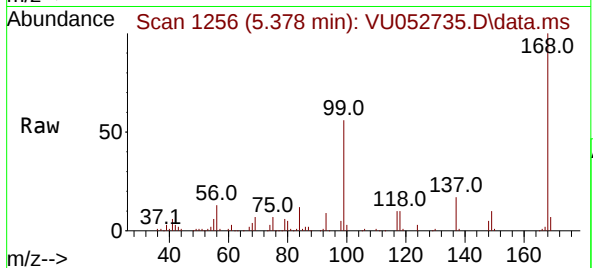
Ion	Ratio	Lower	Upper
56	100		
69	52.7	26.2	39.2
84	89.7	72.2	108.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#32

1,1,1-Trichloroethane

Concen: 5.114 ug/l

RT: 5.308 min Scan# 1234

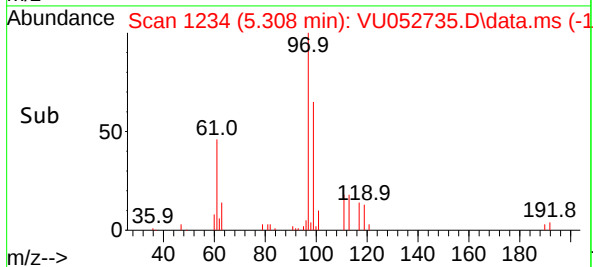
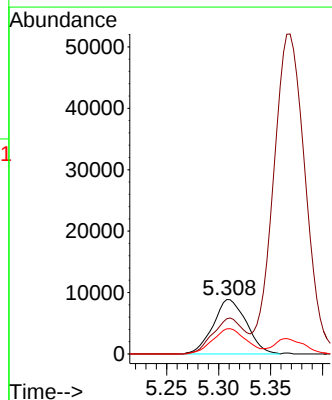
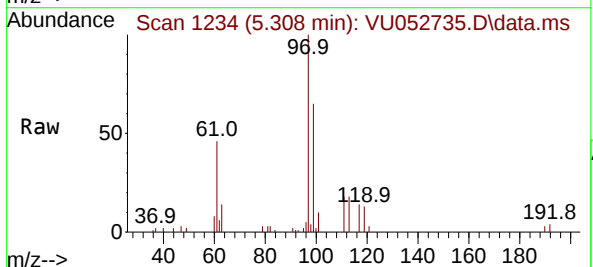
Delta R.T. -0.003 min

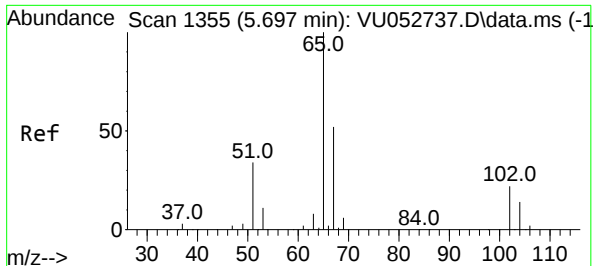
Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Tgt Ion: 97 Resp: 19723

Ion	Ratio	Lower	Upper
97	100		
99	61.7	50.5	75.7
61	46.9	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 5.236 ug/l

RT: 5.697 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 15460

Ion Ratio Lower Upper

65 100

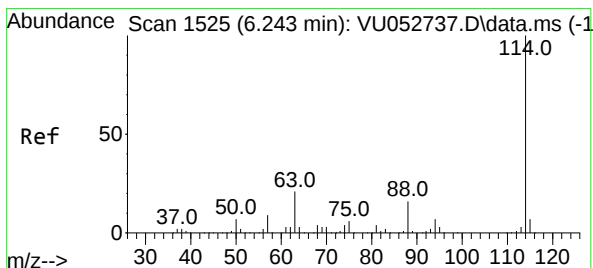
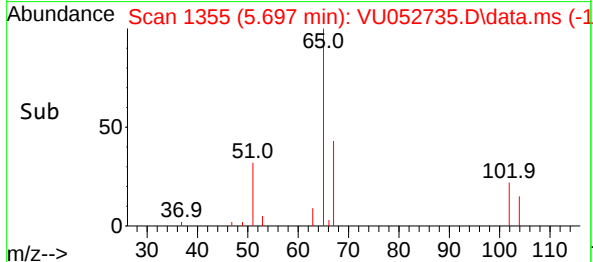
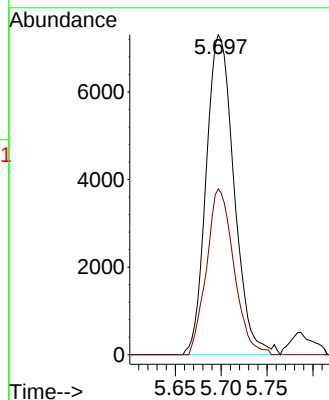
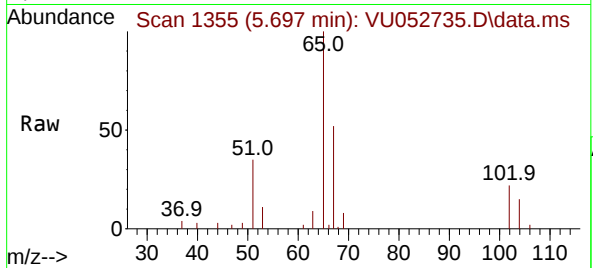
67 50.7 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

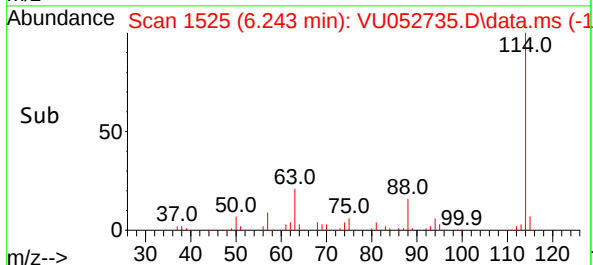
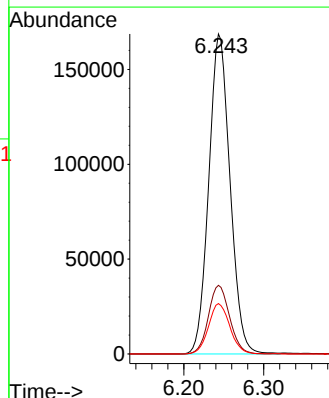
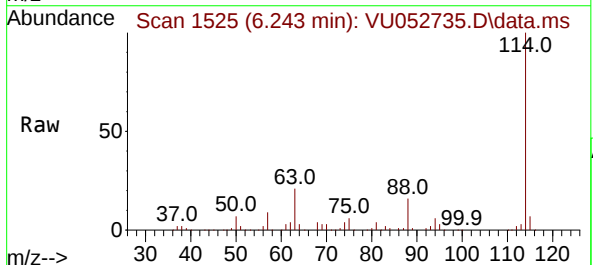
Tgt Ion:114 Resp: 311348

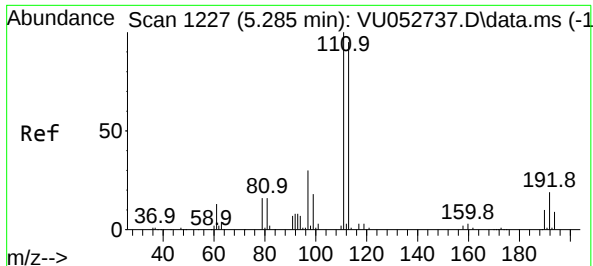
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

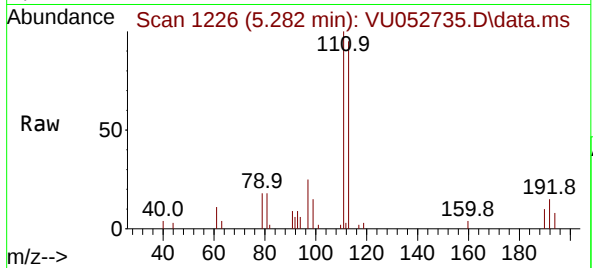
88 15.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 5.429 ug/l
RT: 5.282 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

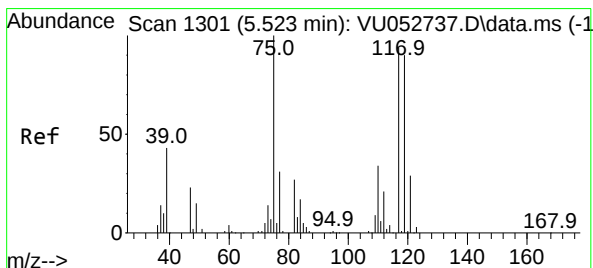
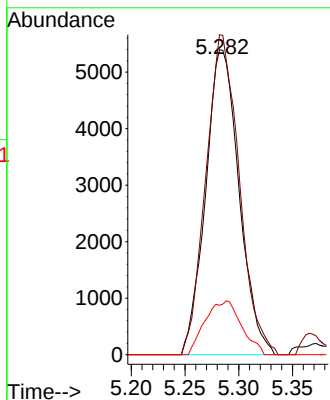
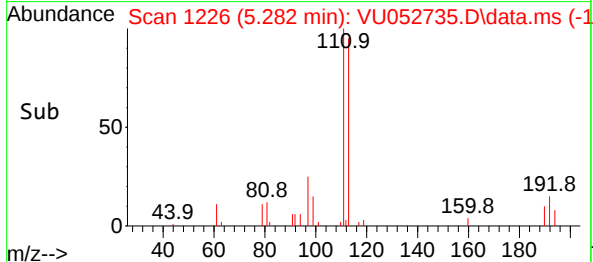
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



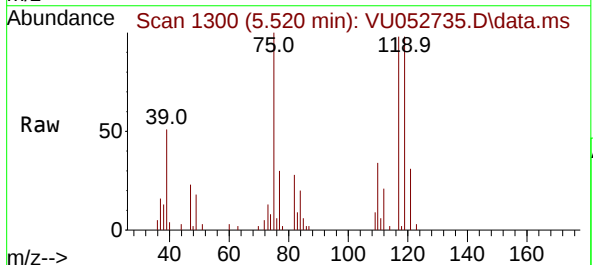
Tgt Ion: 113 Resp: 1168
Ion Ratio Lower Upper
113 100
111 104.3 81.2 121.8
192 19.1 15.7 23.5

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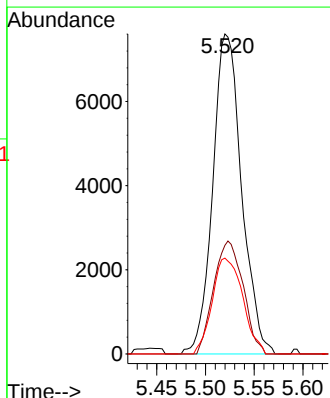
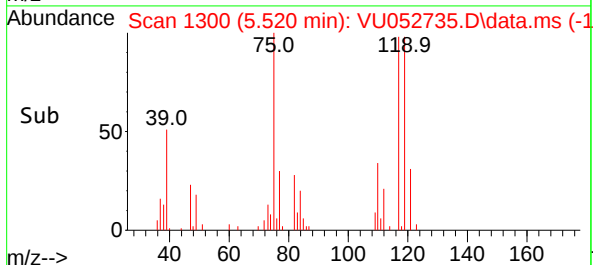
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

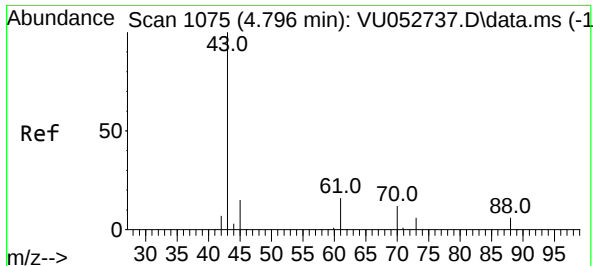


#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21



Tgt Ion: 75 Resp: 15672
Ion Ratio Lower Upper
75 100
110 36.0 17.1 51.2
77 31.6 25.0 37.4





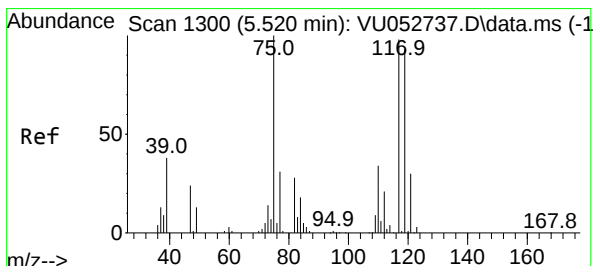
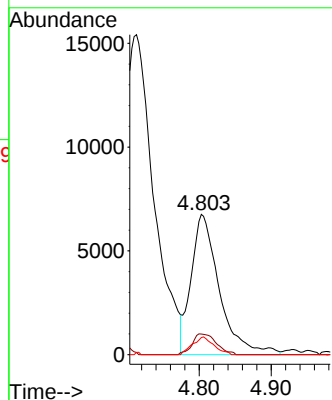
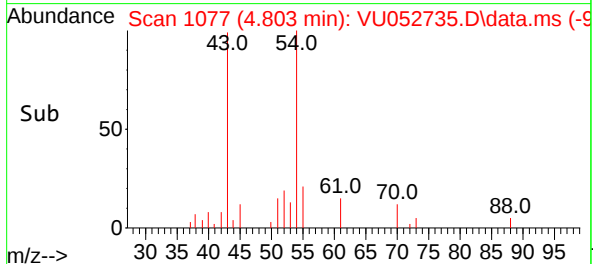
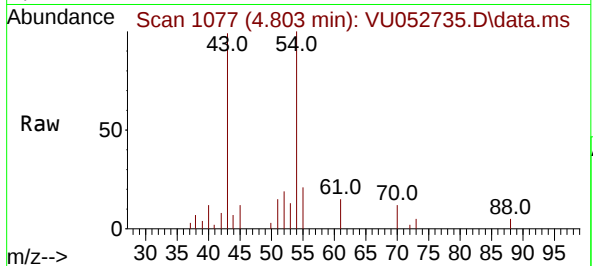
#37
Ethyl Acetate
Concen: 4.411 ug/l m
RT: 4.803 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 18410
Ion Ratio Lower Upper
43 100
61 12.6 12.2 18.4
70 9.5 8.9 13.3

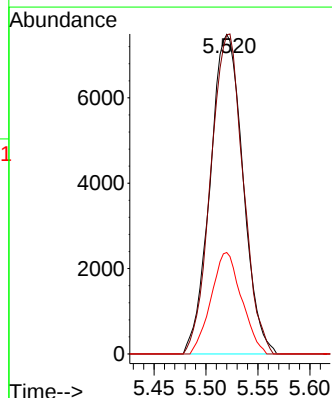
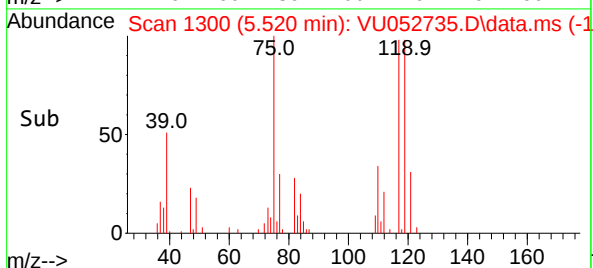
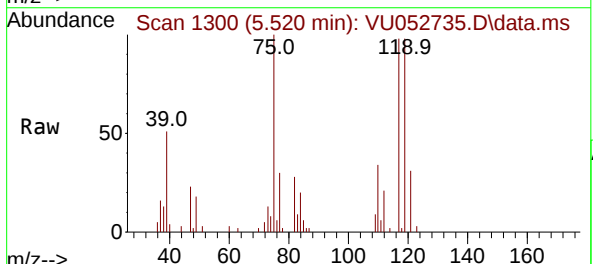
Manual Integrations
APPROVED

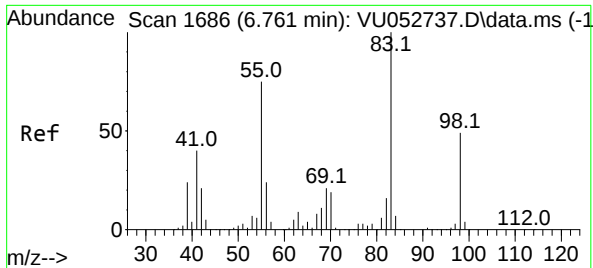
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#38
Carbon Tetrachloride
Concen: 5.250 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:117 Resp: 16442
Ion Ratio Lower Upper
117 100
119 99.9 75.6 113.4
121 31.7 24.2 36.4





#39

Methylcyclohexane

Concen: 4.609 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 17598

Ion Ratio Lower Upper

83 100

55 75.3 60.4 90.6

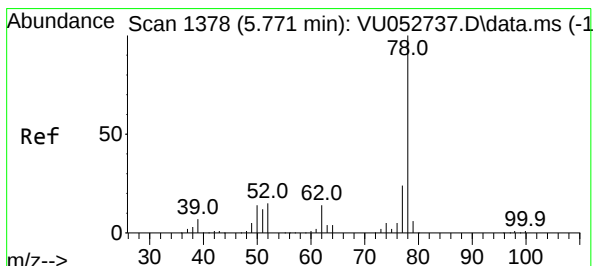
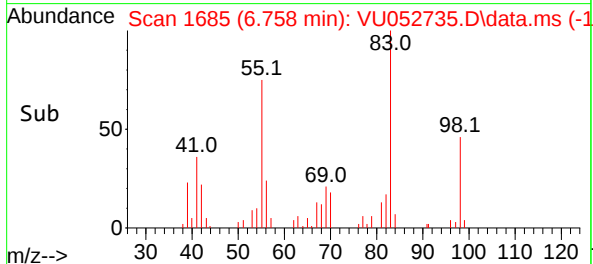
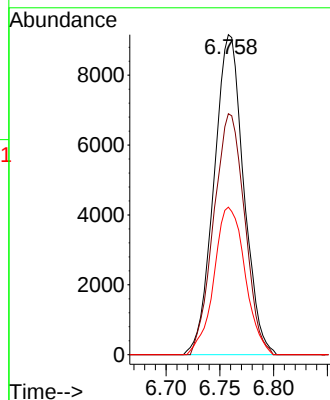
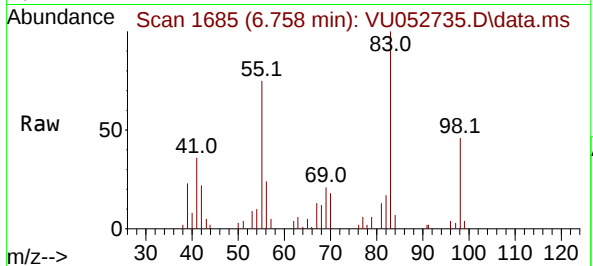
98 46.1 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#40

Benzene

Concen: 5.113 ug/l

RT: 5.767 min Scan# 1377

Delta R.T. -0.003 min

Lab File: VU052735.D

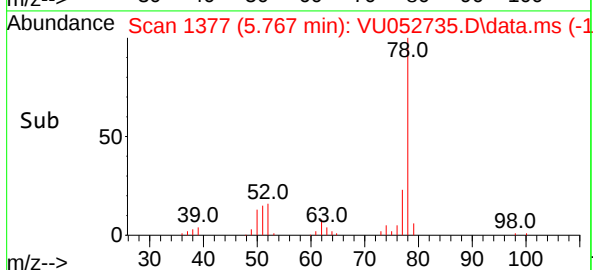
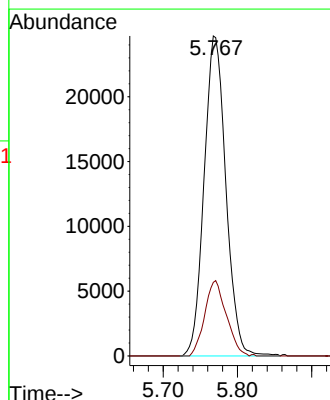
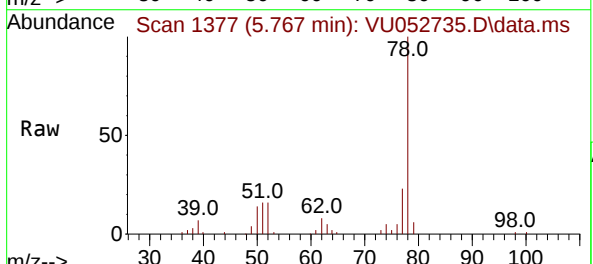
Acq: 19 Jan 2023 13:21

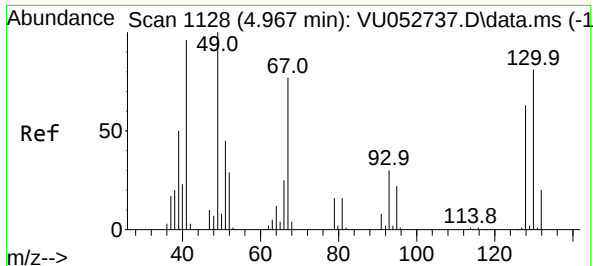
Tgt Ion: 78 Resp: 50304

Ion Ratio Lower Upper

78 100

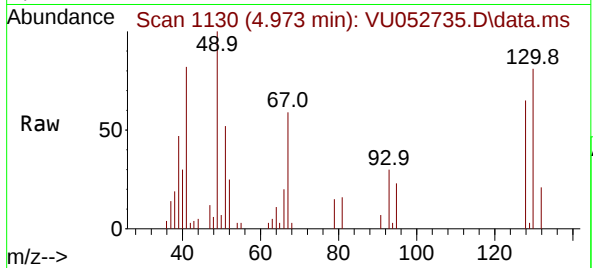
77 23.0 18.9 28.3





#41
Methacrylonitrile
Concen: 3.986 ug/l
RT: 4.973 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

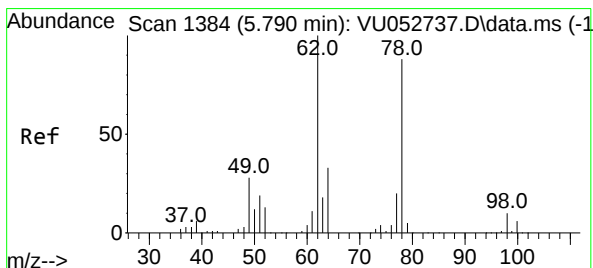
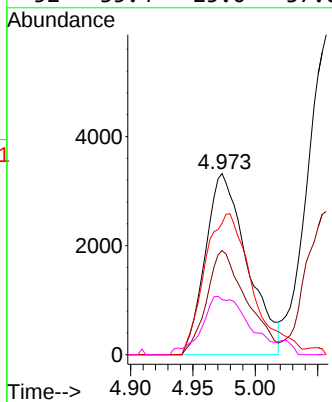
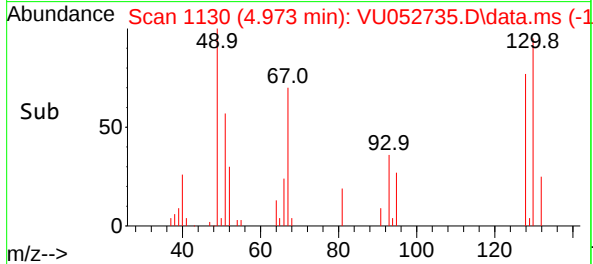
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 7752
Ion Ratio Lower Upper
41 100
39 55.2 42.2 63.2
67 88.4 65.0 97.6
52 35.4 25.0 37.6

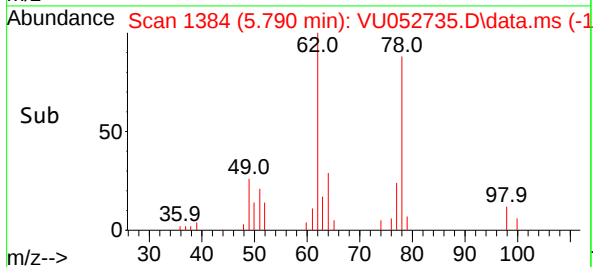
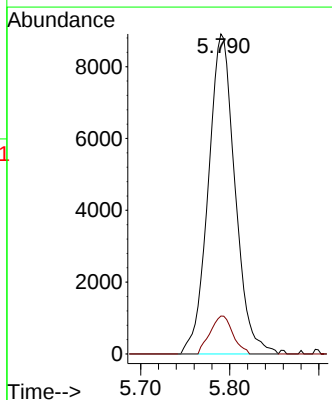
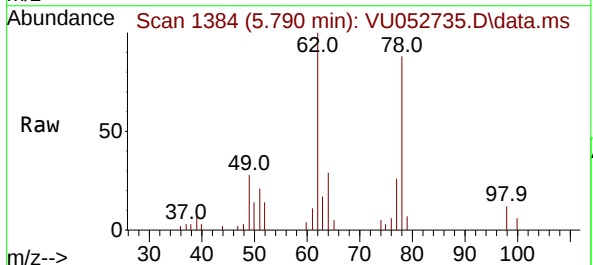
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 5.237 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 62 Resp: 18577
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.0





#43

Isopropyl Acetate

Concen: 4.260 ug/l

RT: 5.909 min Scan# 1420

Delta R.T. 0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

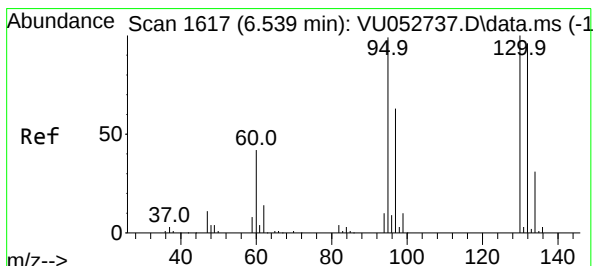
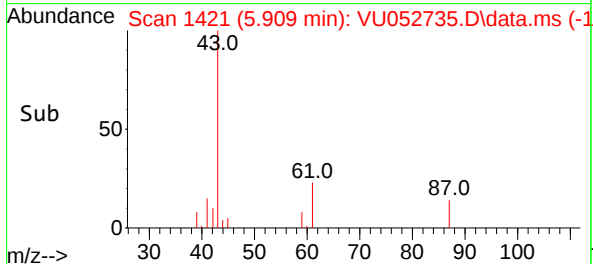
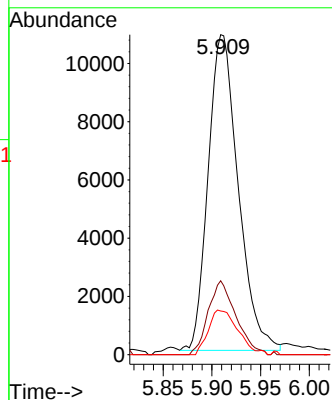
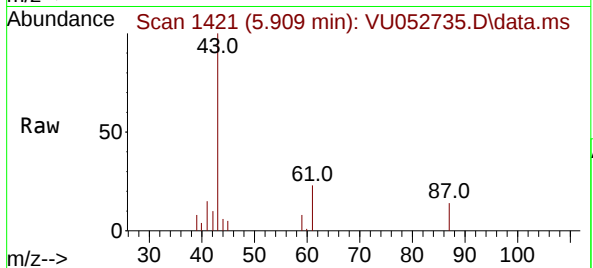
Tgt Ion: 43	Resp: 2327
Ion Ratio	Lower Upper
43 100	
61 21.5	18.1 27.1
87 13.9	11.7 17.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#44

Trichloroethene

Concen: 5.239 ug/l

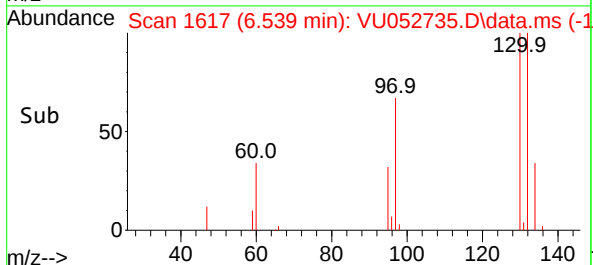
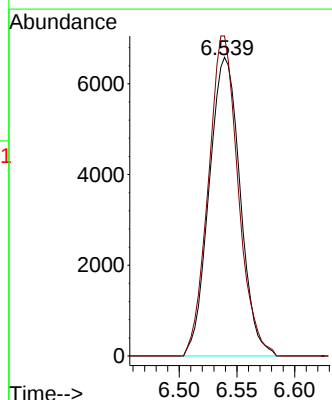
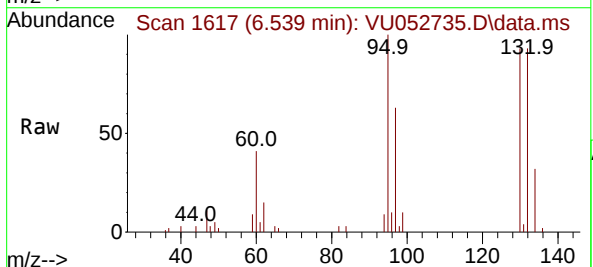
RT: 6.539 min Scan# 1617

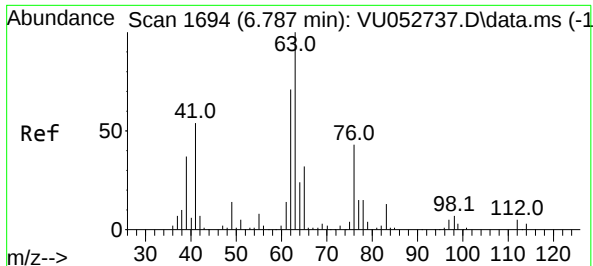
Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Tgt Ion:130	Resp: 12285
Ion Ratio	Lower Upper
130 100	
95 107.1	0.0 198.2





#45

1,2-Dichloropropane

Concen: 4.966 ug/l

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 1338

Ion Ratio Lower Upper

63 100

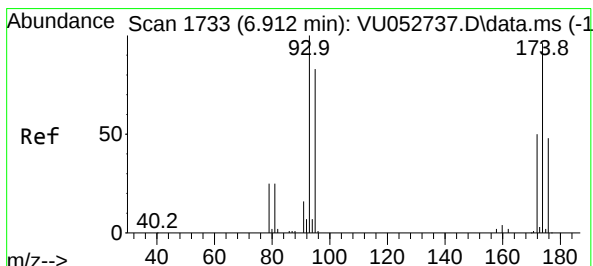
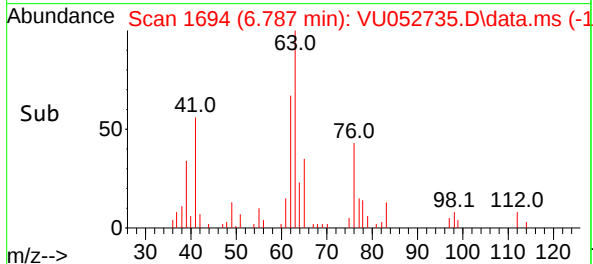
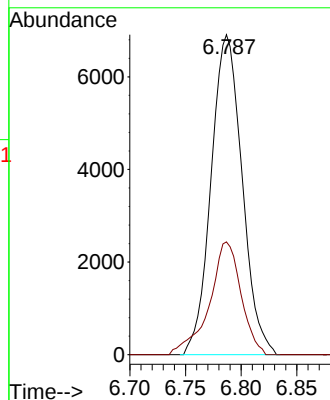
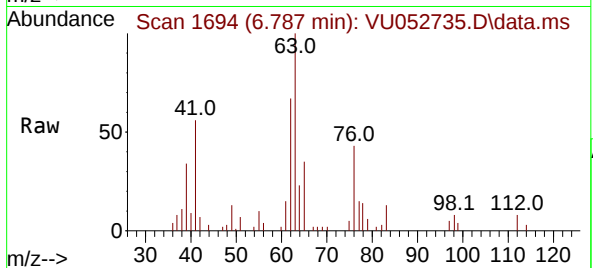
65 35.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#46

Dibromomethane

Concen: 5.137 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

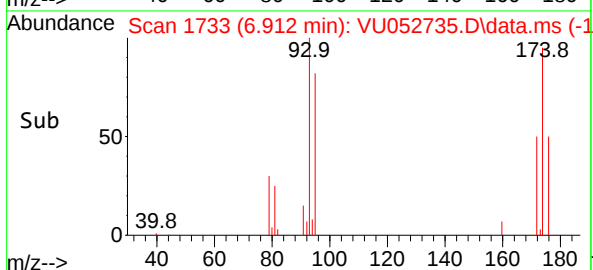
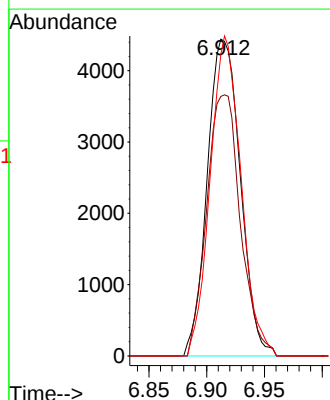
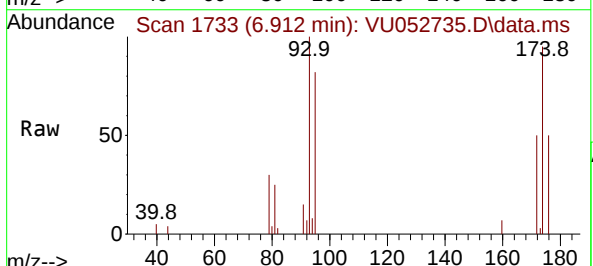
Tgt Ion: 93 Resp: 8832

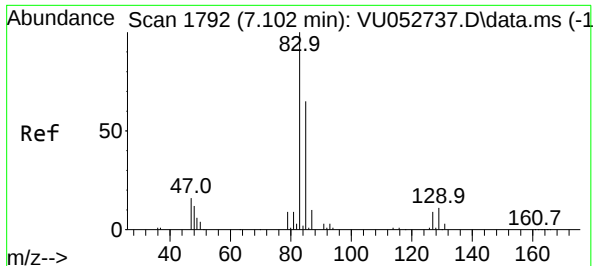
Ion Ratio Lower Upper

93 100

95 84.1 66.6 99.8

174 94.0 78.6 117.8





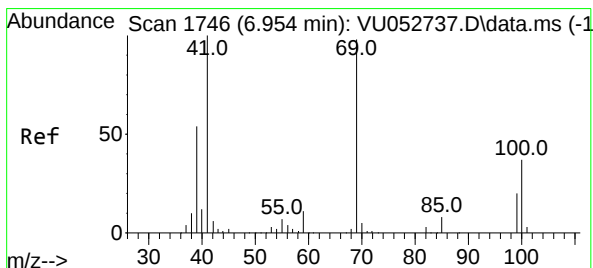
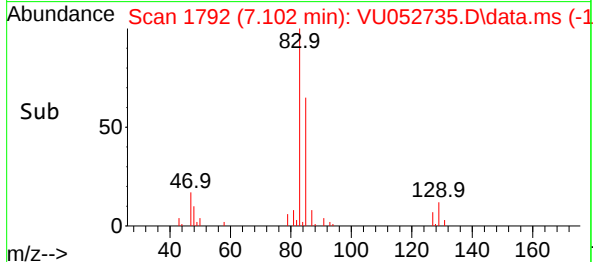
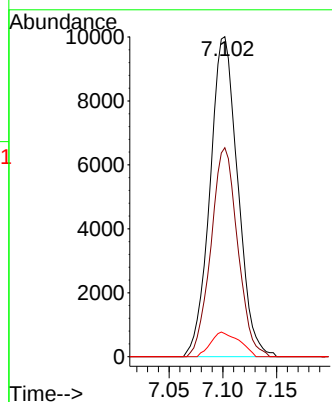
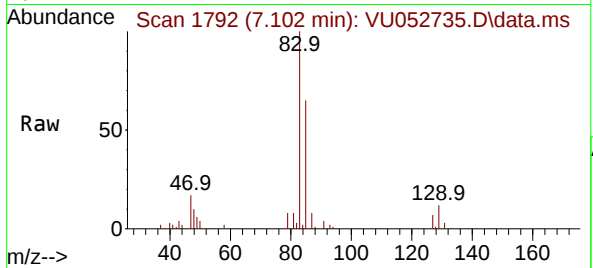
#47
Bromodichloromethane
Concen: 5.113 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1796
Ion Ratio Lower Upper
83 100
85 65.3 51.6 77.4
127 7.2 6.9 10.3

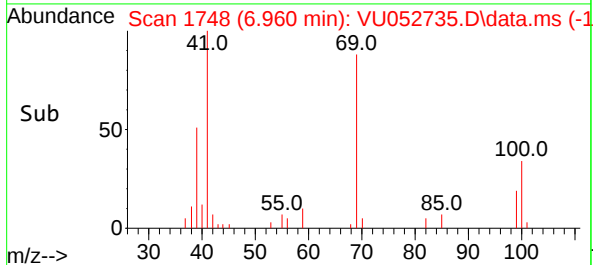
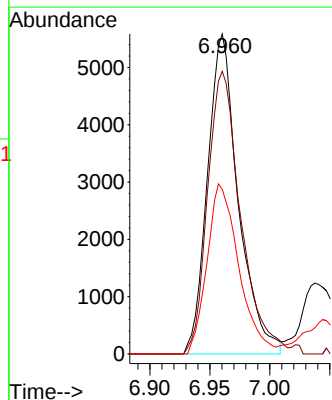
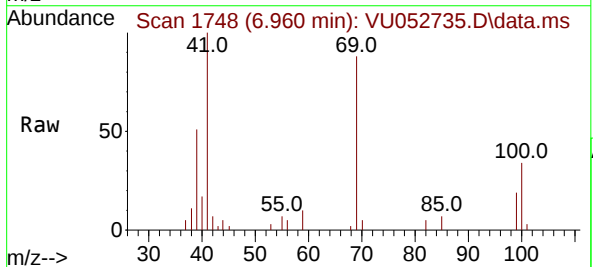
Manual Integrations
APPROVED

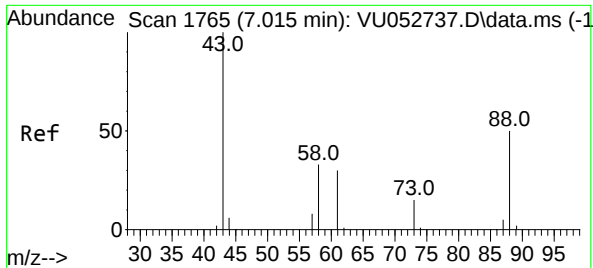
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#48
Methyl methacrylate
Concen: 3.921 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 41 Resp: 9972
Ion Ratio Lower Upper
41 100
69 94.3 77.2 115.8
39 54.8 42.9 64.3





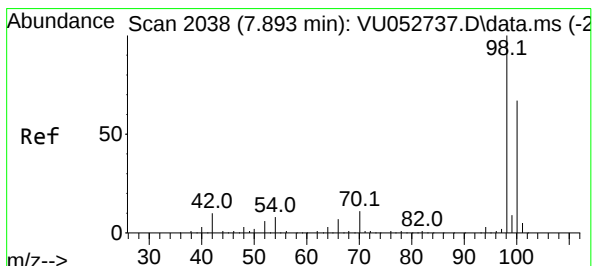
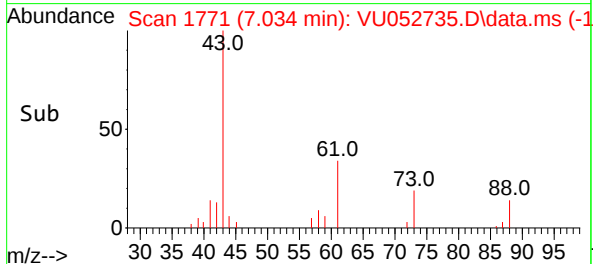
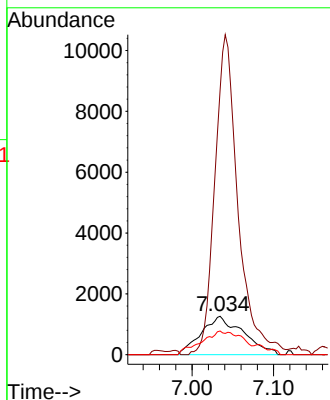
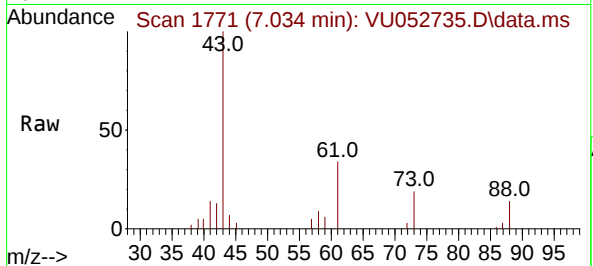
#49
1,4-Dioxane
Concen: 93.202 ug/l m
RT: 7.034 min Scan# 1765
Delta R.T. 0.019 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 4510
Ion Ratio Lower Upper
88 100
43 461.2 374.7 562.1
58 35.3 59.2 88.8

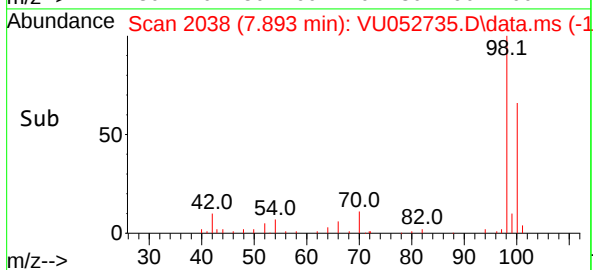
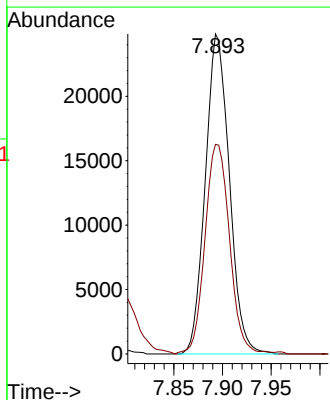
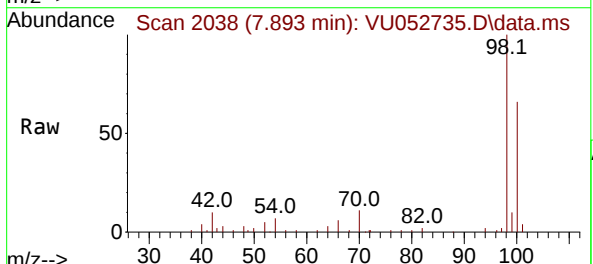
Manual Integrations
APPROVED

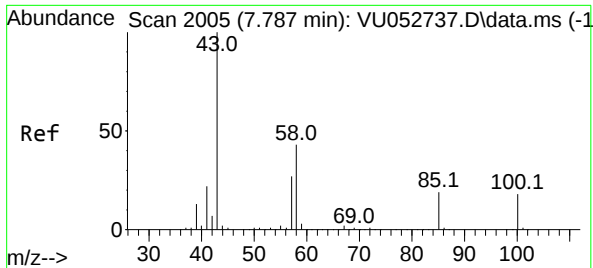
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#50
Toluene-d8
Concen: 5.186 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 98 Resp: 42608
Ion Ratio Lower Upper
98 100
100 67.0 53.7 80.5





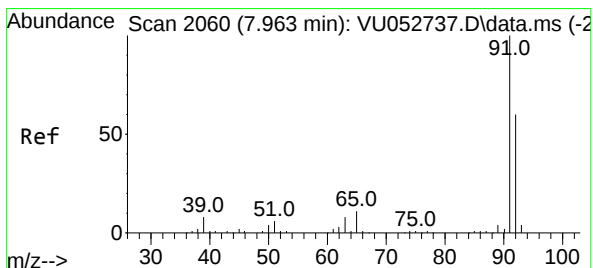
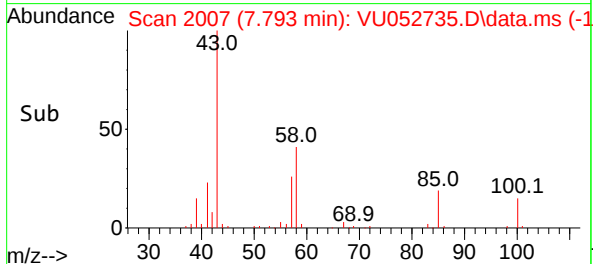
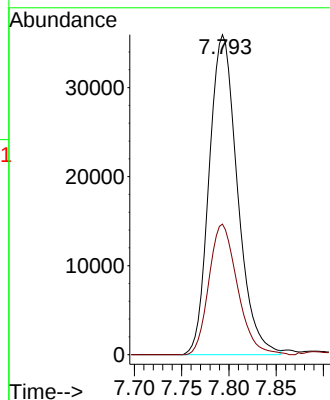
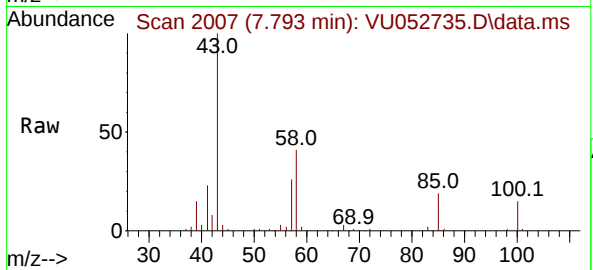
#51
4-Methyl-2-Pentanone
Concen: 21.016 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 74840
Ion Ratio Lower Upper
43 100
58 41.1 34.6 52.0

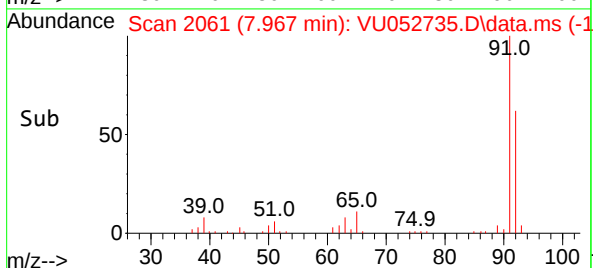
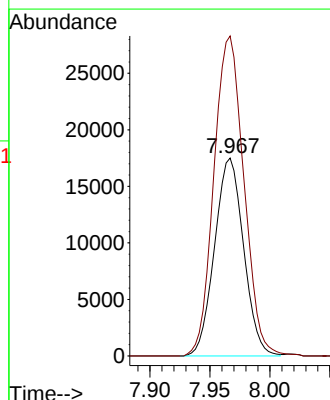
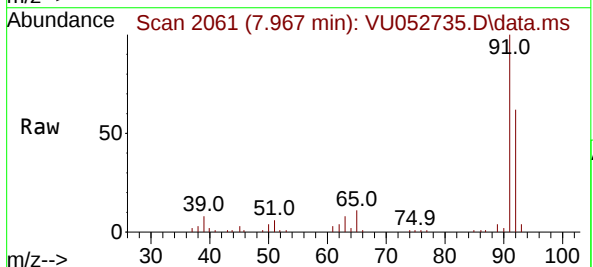
Manual Integrations
APPROVED

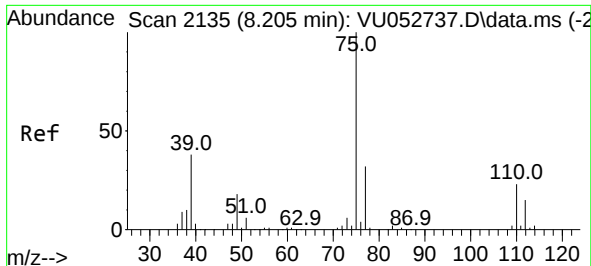
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#52
Toluene
Concen: 5.071 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 92 Resp: 29452
Ion Ratio Lower Upper
92 100
91 167.4 134.9 202.3





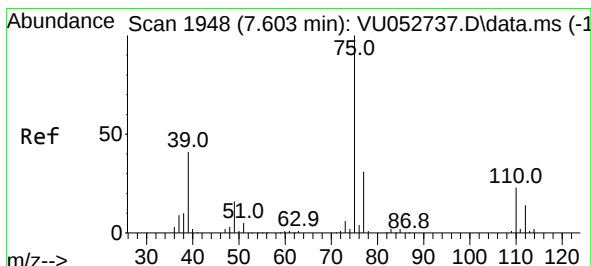
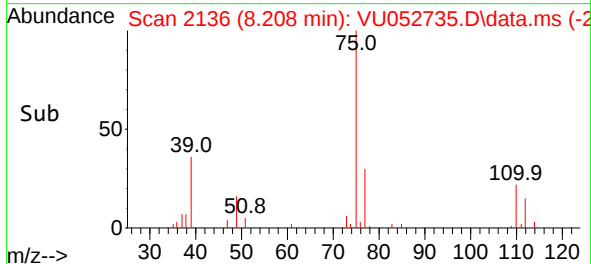
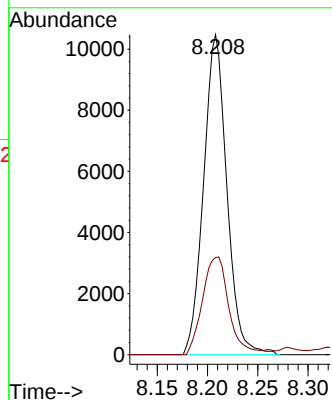
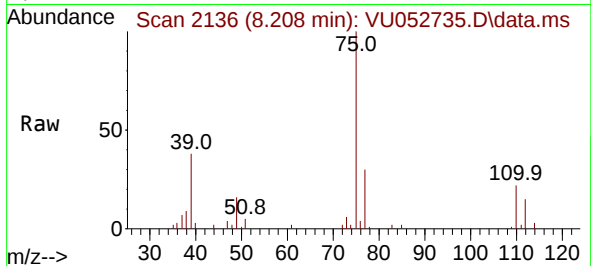
#53
 t-1,3-Dichloropropene
 Concen: 4.553 ug/l
 RT: 8.208 min Scan# 2135
 Delta R.T. 0.003 min
 Lab File: VU052735.D
 Acq: 19 Jan 2023 13:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 1685
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.2 37.8

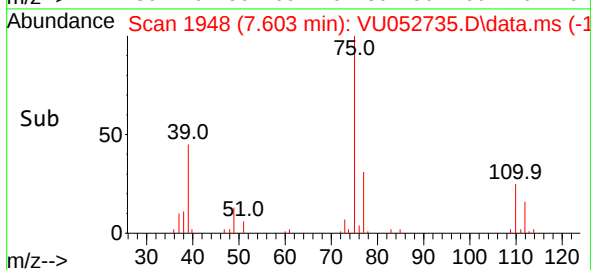
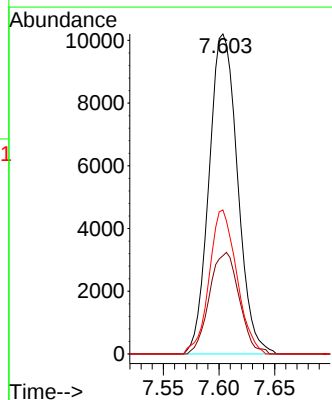
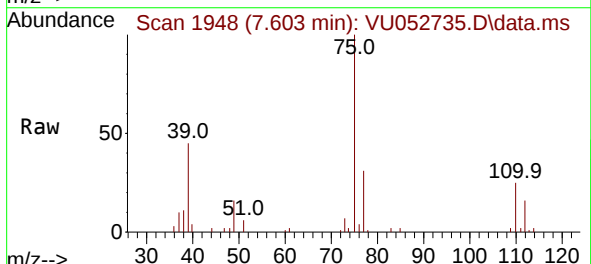
Manual Integrations
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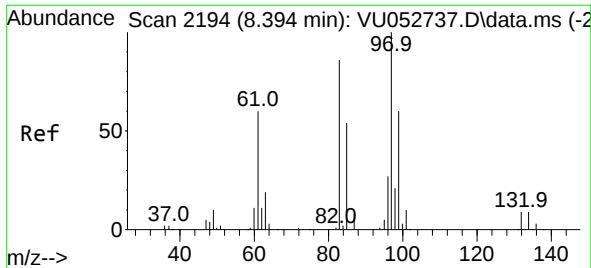
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 4.544 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU052735.D
 Acq: 19 Jan 2023 13:21

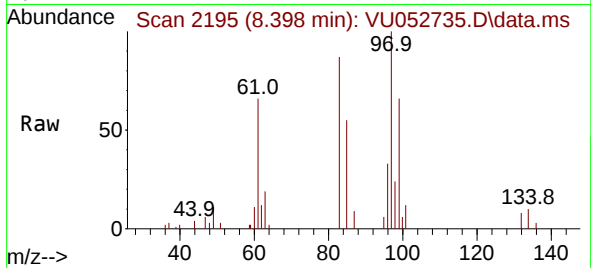
Tgt Ion: 75 Resp: 18218
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.6
 39 45.0 32.9 49.3





#55
1,1,2-Trichloroethane
Concen: 5.218 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

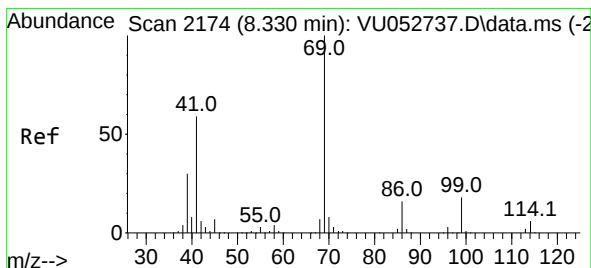
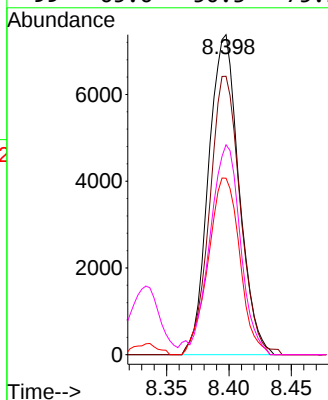
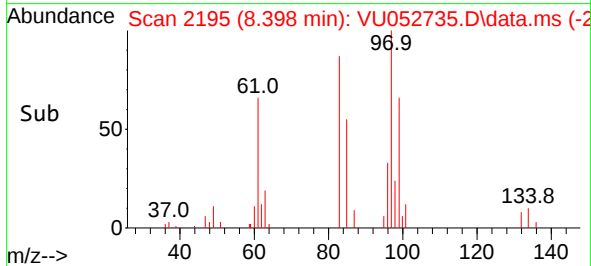
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.2	103.8
85	55.2	43.8	65.8
99	65.6	50.3	75.5

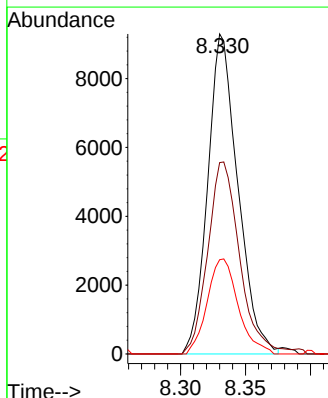
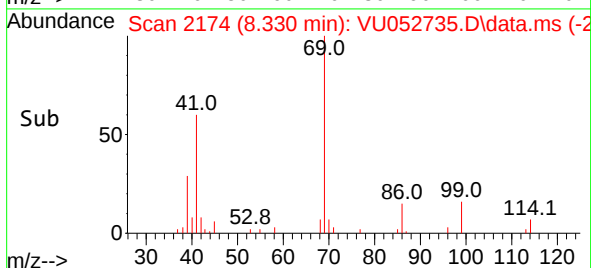
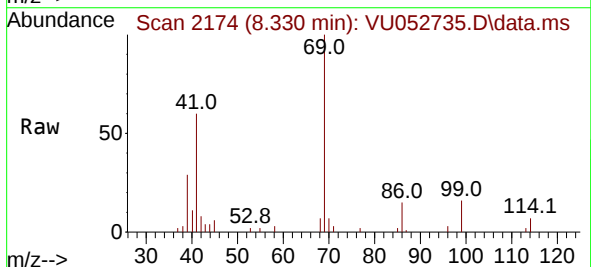
Manual Integrations
APPROVED

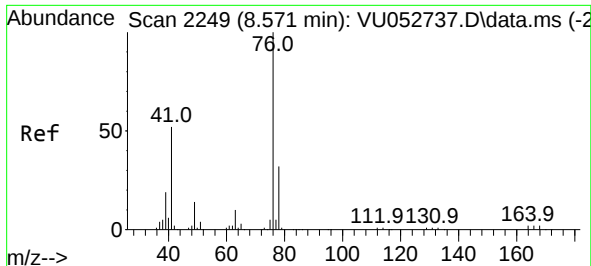
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#56
Ethyl methacrylate
Concen: 4.274 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.3	47.6	71.4
39	30.5	24.3	36.5





#57

1,3-Dichloropropane

Concen: 5.111 ug/l

RT: 8.571 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 2175

Ion Ratio Lower Upper

76 100

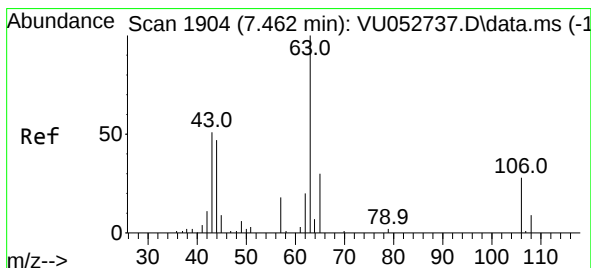
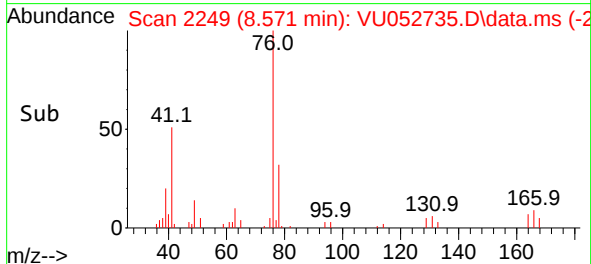
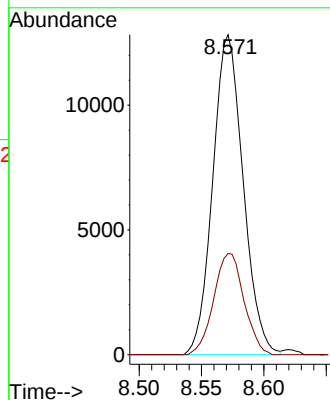
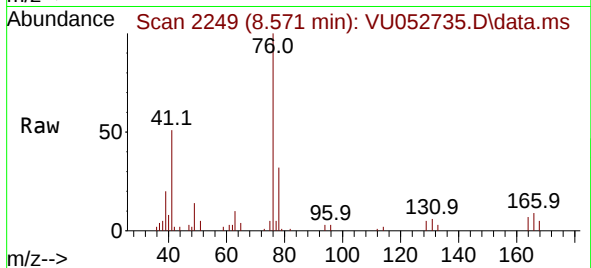
78 31.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 15.503 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU052735.D

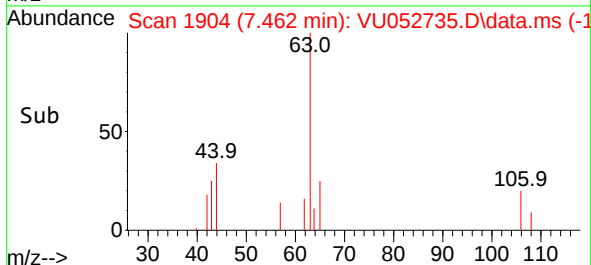
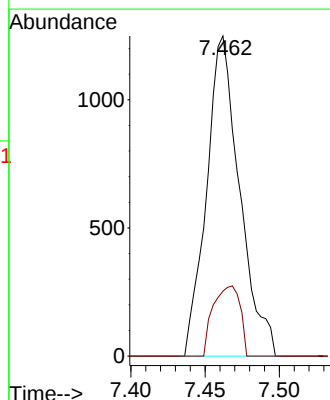
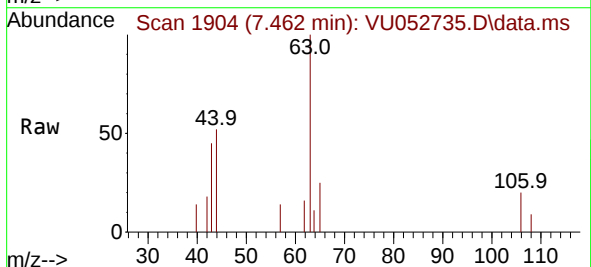
Acq: 19 Jan 2023 13:21

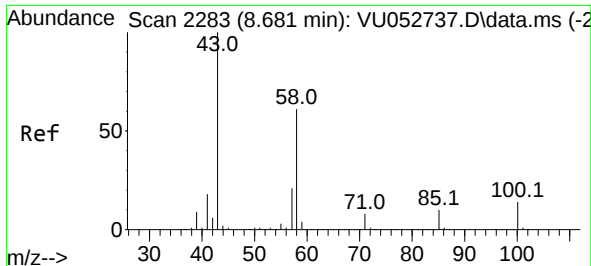
Tgt Ion: 63 Resp: 1936

Ion Ratio Lower Upper

63 100

106 17.7 23.2 34.8





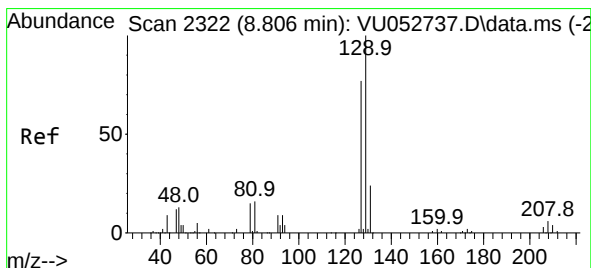
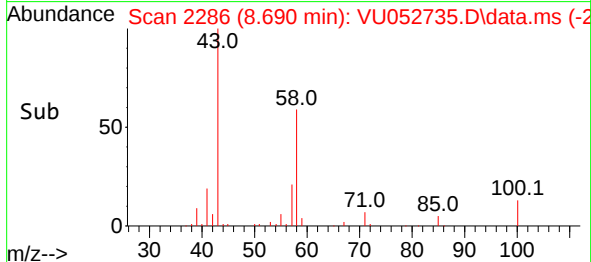
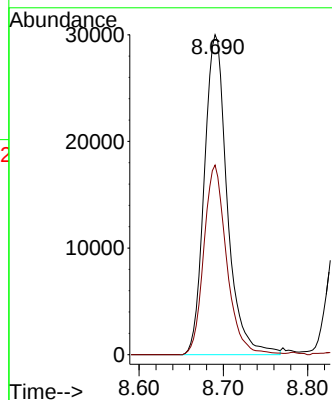
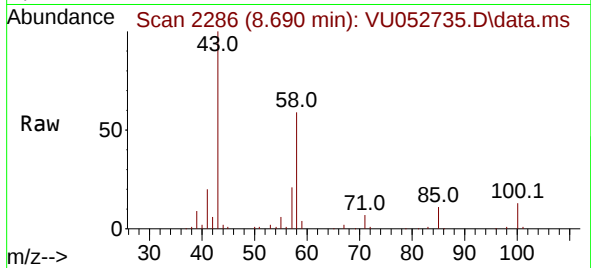
#59
2-Hexanone
Concen: 20.850 ug/l
RT: 8.690 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 56810
Ion Ratio Lower Upper
43 100
58 59.0 29.8 89.5

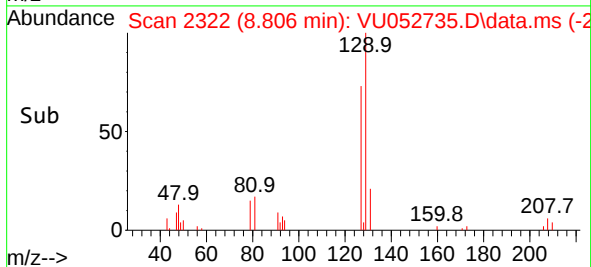
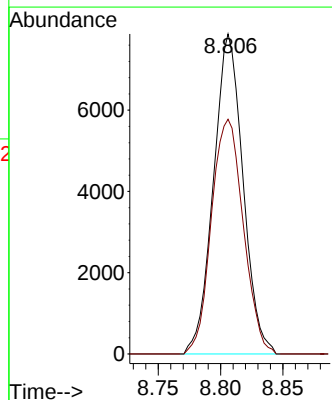
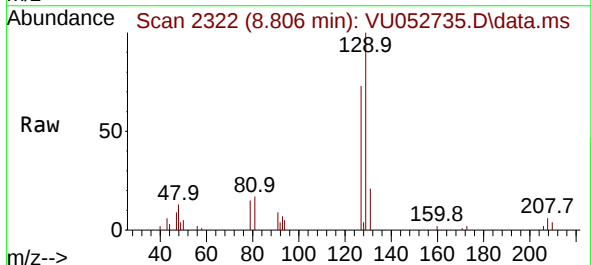
Manual Integrations
APPROVED

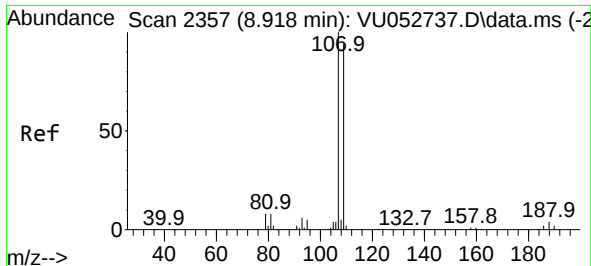
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#60
Dibromochloromethane
Concen: 5.162 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

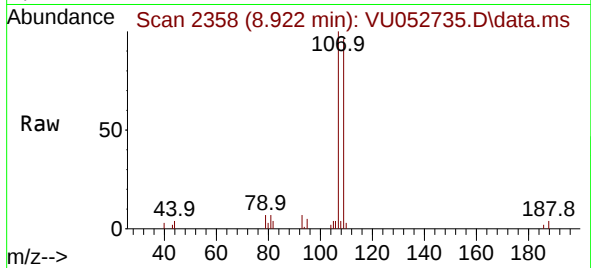
Tgt Ion:129 Resp: 12973
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.2





#61
1,2-Dibromoethane
Concen: 5.199 ug/l
RT: 8.922 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

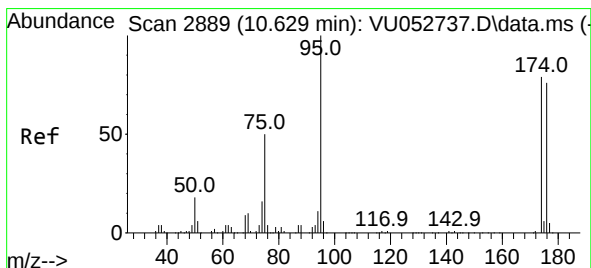
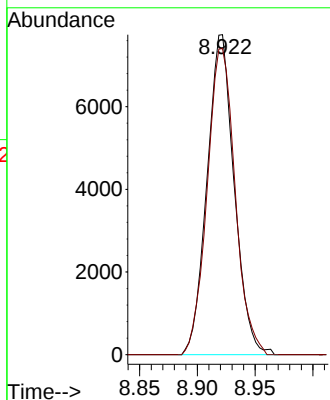
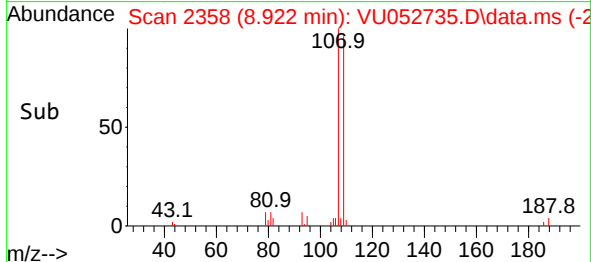
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion:107 Resp: 12689
Ion Ratio Lower Upper
107 100
109 98.4 75.0 112.6

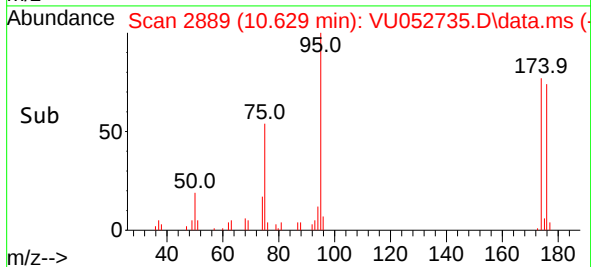
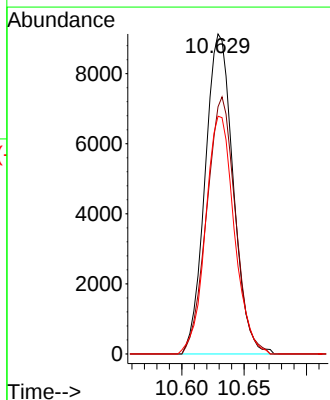
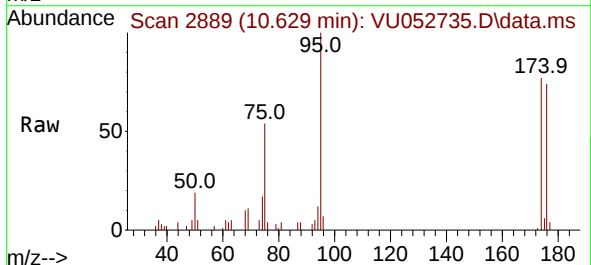
Manual Integrations
APPROVED

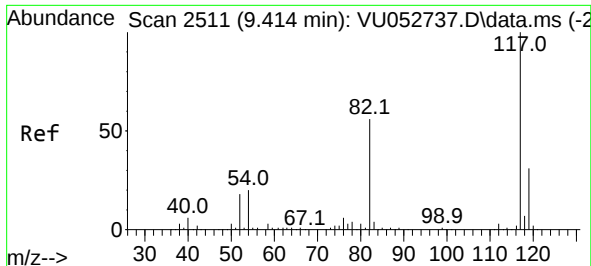
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#62
4-Bromofluorobenzene
Concen: 4.811 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

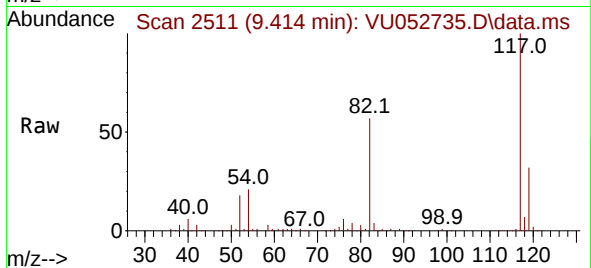
Tgt Ion: 95 Resp: 14327
Ion Ratio Lower Upper
95 100
174 81.7 0.0 158.6
176 75.9 0.0 150.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

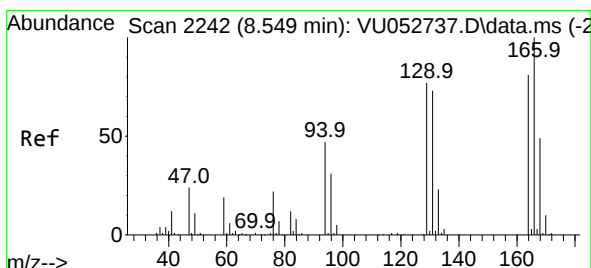
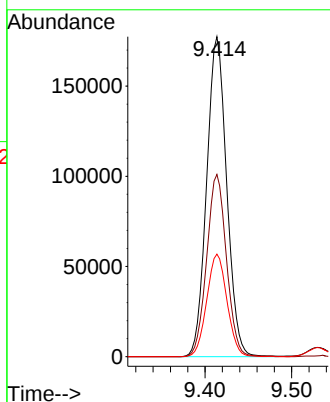
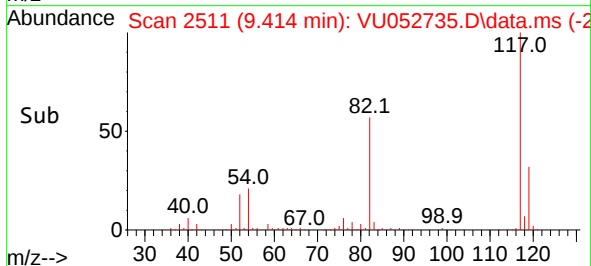
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 28535
Ion Ratio Lower Upper
117 100
82 57.0 44.7 67.1
119 32.0 25.0 37.6

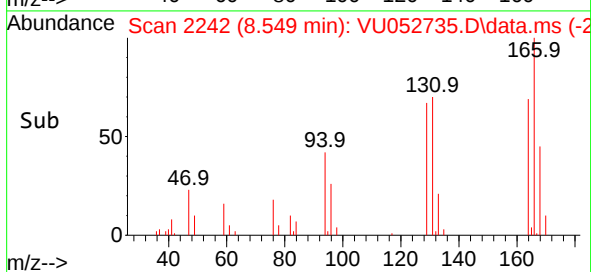
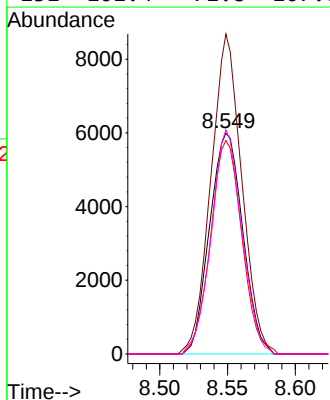
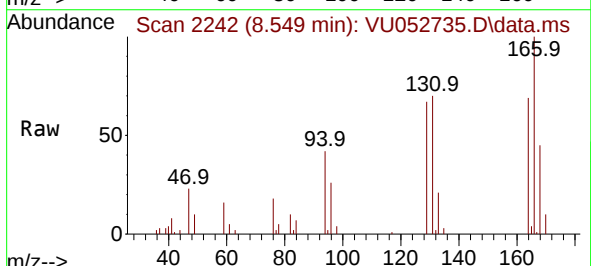
Manual Integrations
APPROVED

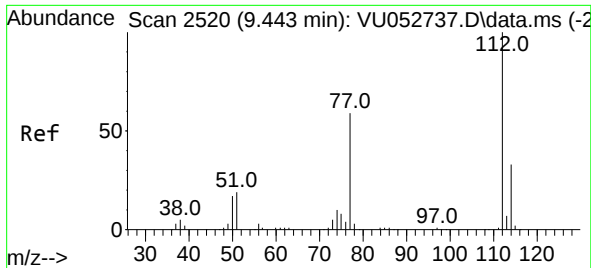
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#64
Tetrachloroethene
Concen: 5.480 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:164 Resp: 10167
Ion Ratio Lower Upper
164 100
166 144.9 98.9 148.3
129 96.6 76.0 114.0
131 101.4 71.8 107.6





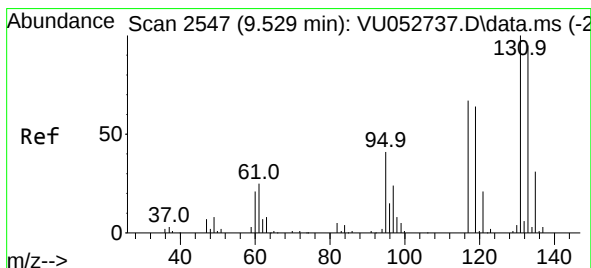
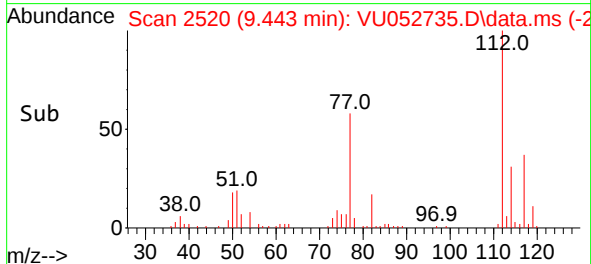
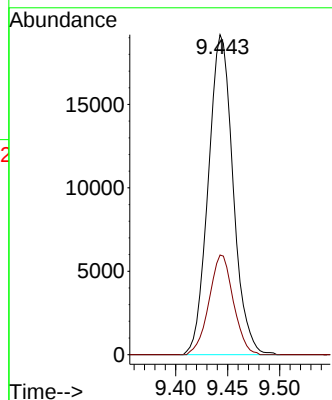
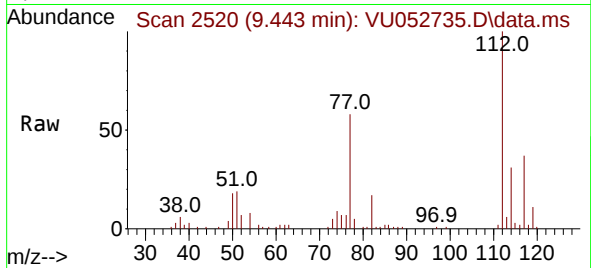
#65
Chlorobenzene
Concen: 5.263 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 3178
Ion Ratio Lower Upper
112 100
114 31.2 26.1 39.1

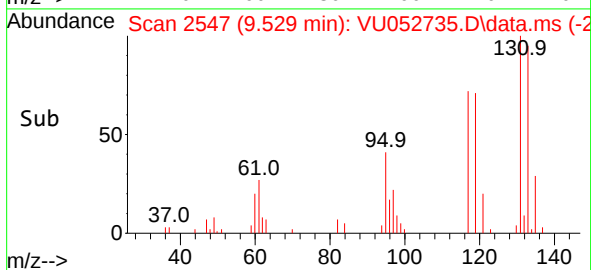
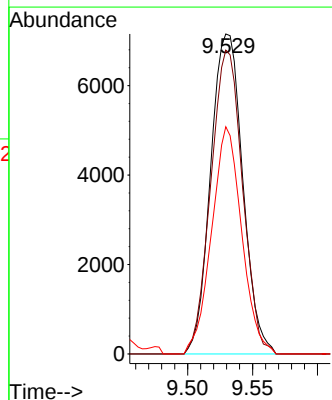
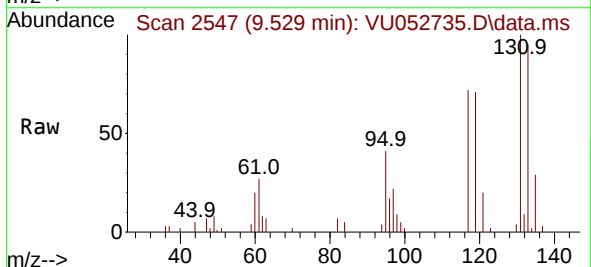
Manual Integrations
APPROVED

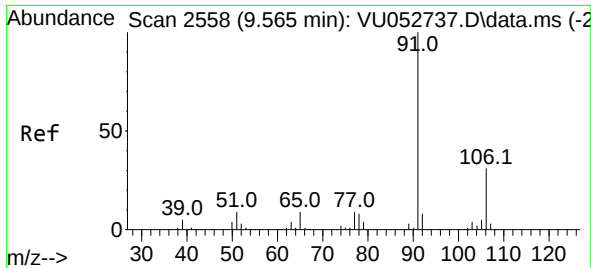
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 5.592 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:131 Resp: 12271
Ion Ratio Lower Upper
131 100
133 93.9 48.4 145.0
119 66.7 32.1 96.3





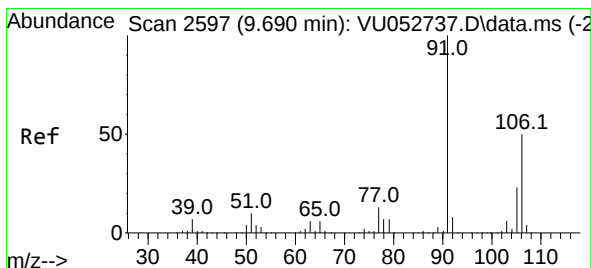
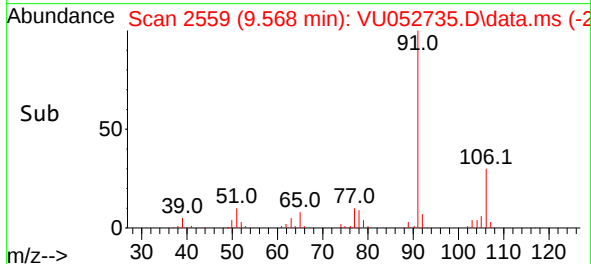
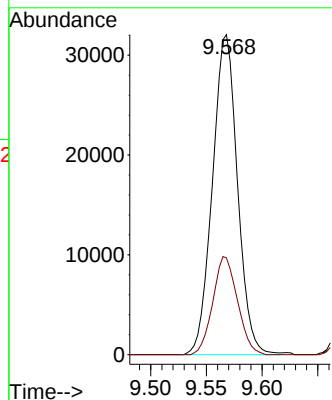
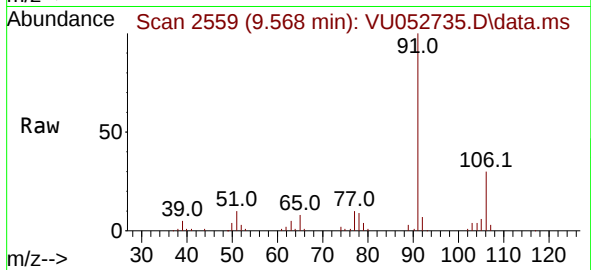
#67
Ethyl Benzene
Concen: 4.809 ug/l
RT: 9.568 min Scan# 2558
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 50118
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

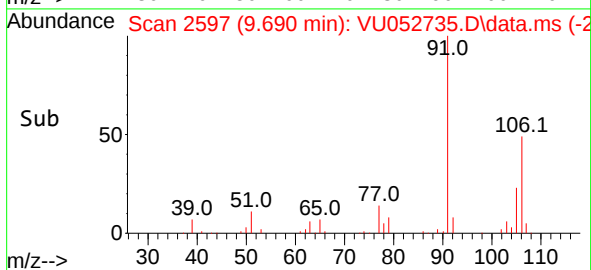
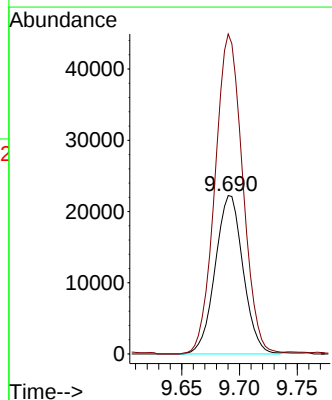
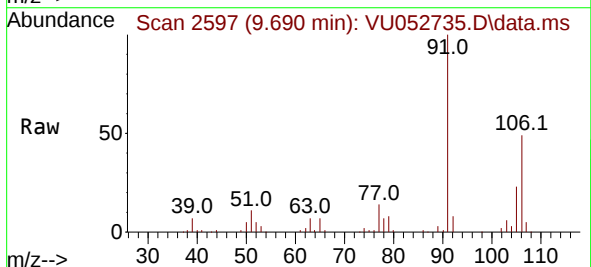
Manual Integrations
APPROVED

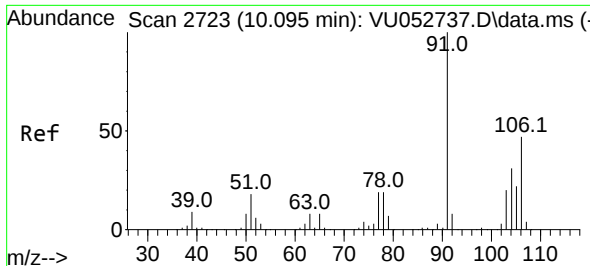
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#68
m/p-Xylenes
Concen: 9.471 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:106 Resp: 37365
Ion Ratio Lower Upper
106 100
91 200.6 160.8 241.2





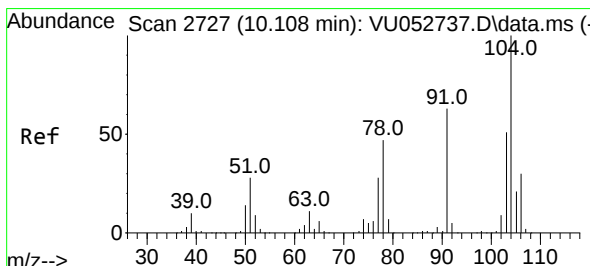
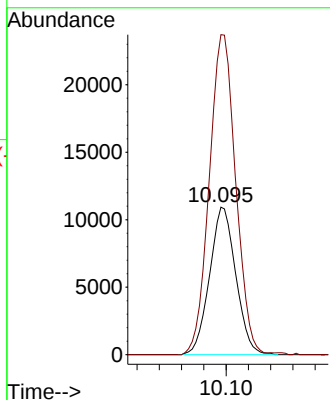
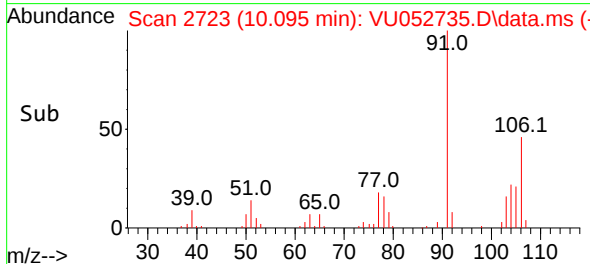
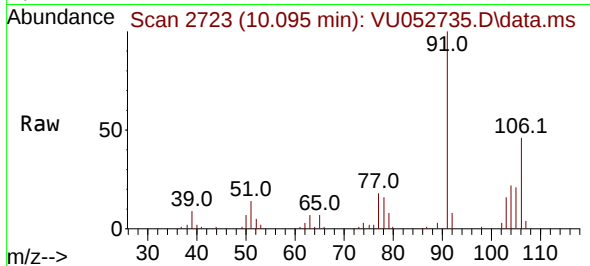
#69
o-Xylene
Concen: 4.755 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1785
Ion Ratio Lower Upper
106 100
91 218.8 107.9 323.7

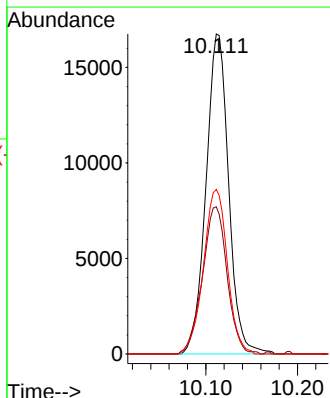
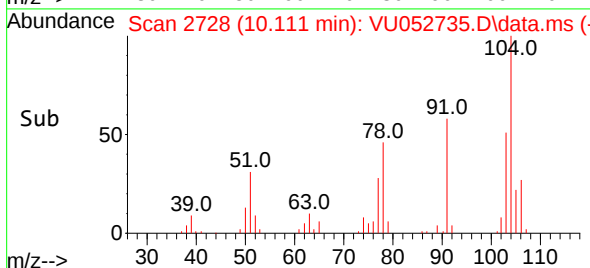
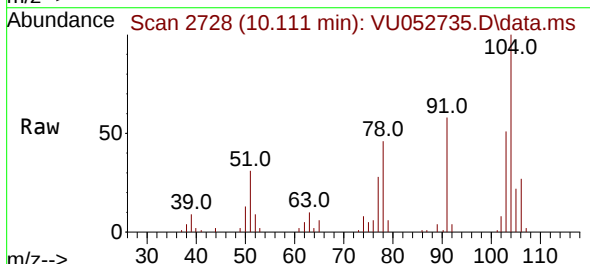
Manual Integrations
APPROVED

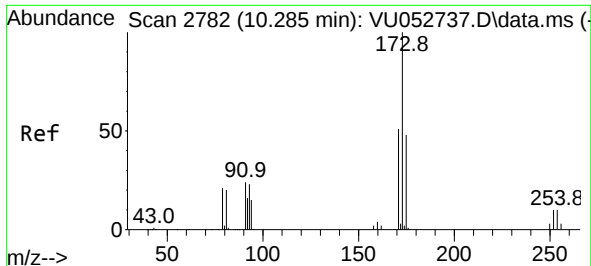
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#70
Styrene
Concen: 4.574 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:104 Resp: 28764
Ion Ratio Lower Upper
104 100
78 50.0 39.9 59.9
103 54.5 43.4 65.2





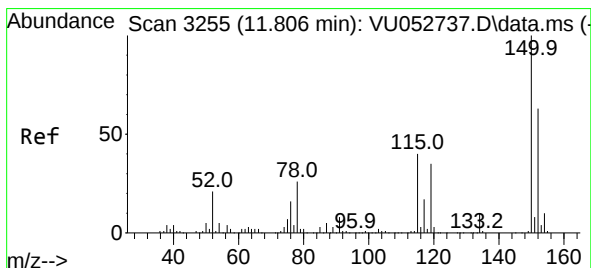
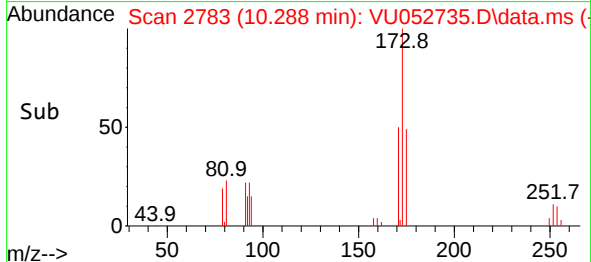
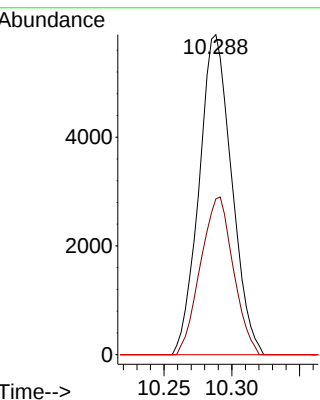
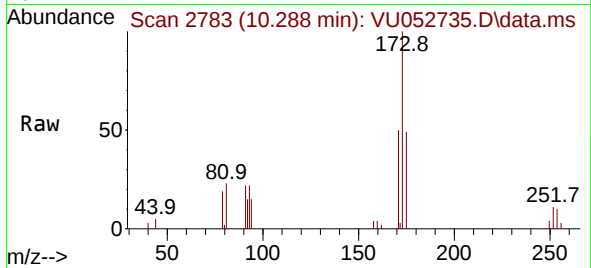
#71
Bromoform
Concen: 5.306 ug/l
RT: 10.288 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 983
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.2
254 0.0 0.0 0.0

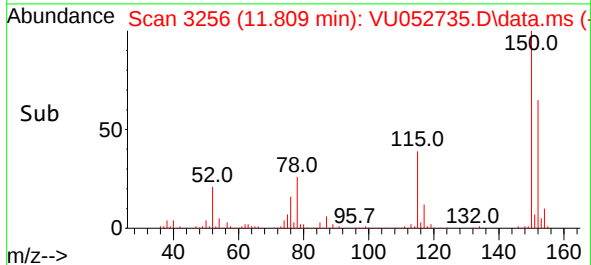
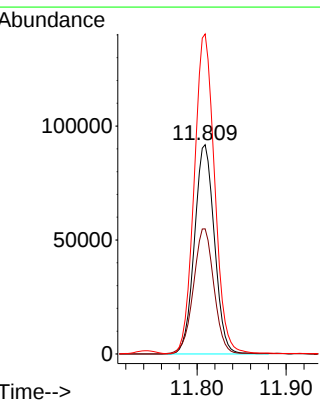
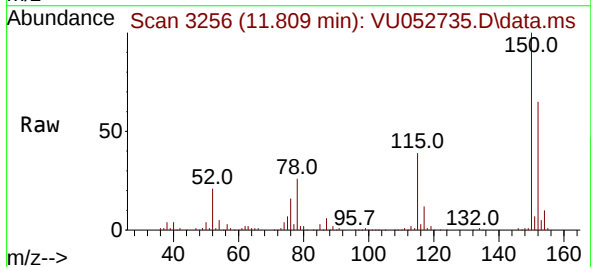
Manual Integrations
APPROVED

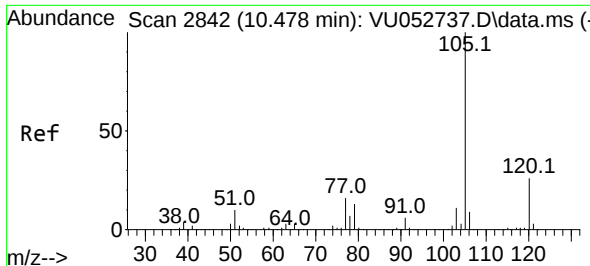
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:152 Resp: 142767
Ion Ratio Lower Upper
152 100
115 61.7 41.7 125.1
150 156.1 0.0 349.2





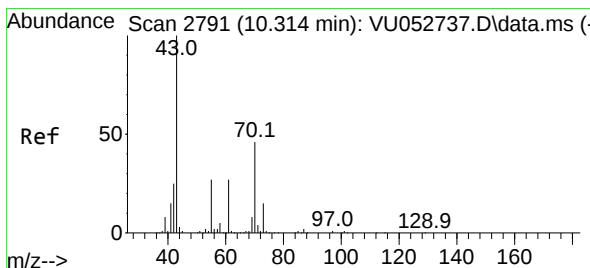
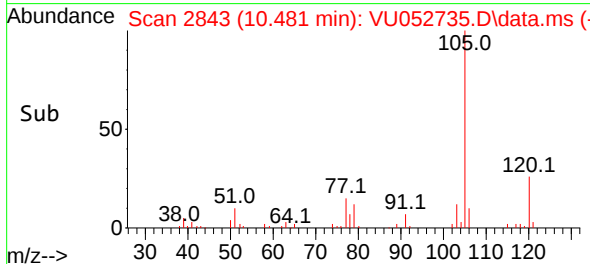
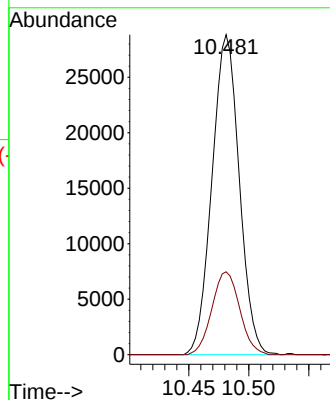
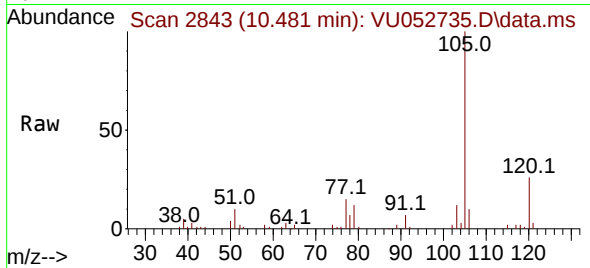
#73
Isopropylbenzene
Concen: 4.699 ug/l
RT: 10.481 min Scan# 2842
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 45498
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

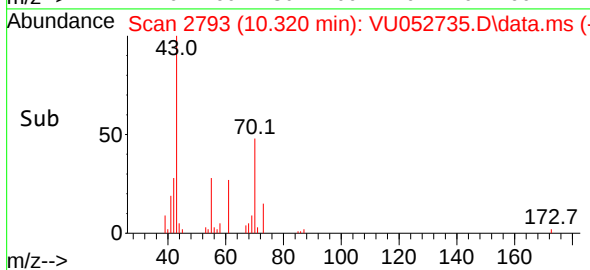
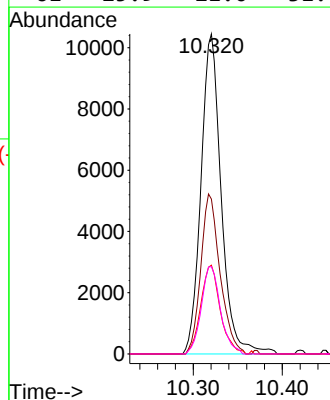
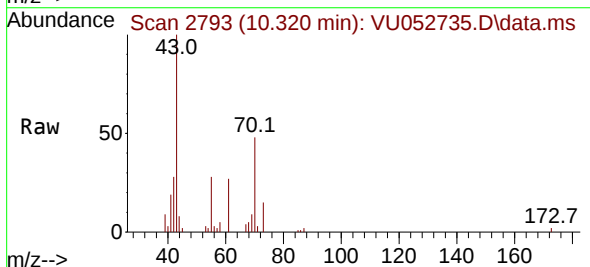
Manual Integrations
APPROVED

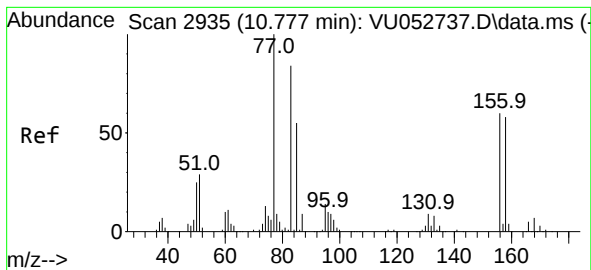
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#74
N-amy1 acetate
Concen: 3.809 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 43 Resp: 16468
Ion Ratio Lower Upper
43 100
70 47.6 37.9 56.9
55 26.6 21.9 32.9
61 25.9 21.0 31.6





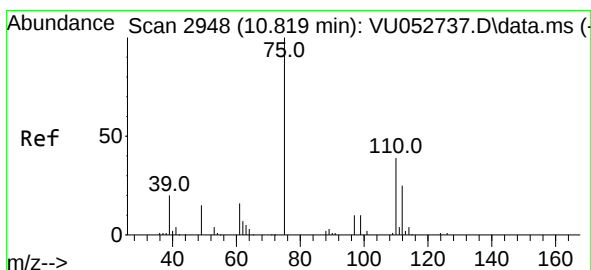
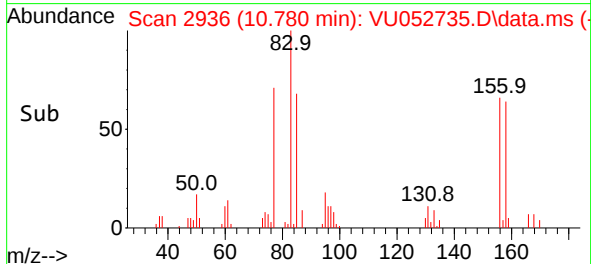
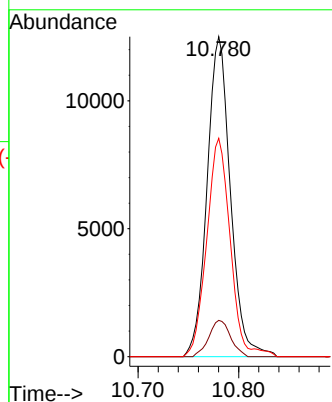
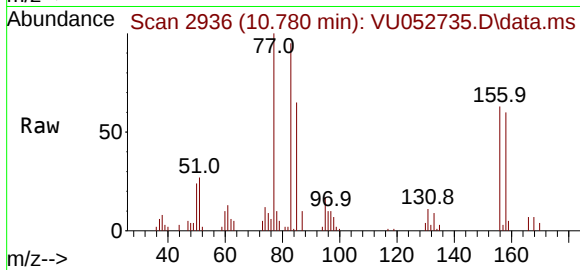
#75
1,1,2,2-Tetrachloroethane
Concen: 4.957 ug/l
RT: 10.780 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 20140
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 68.9 32.3 96.8

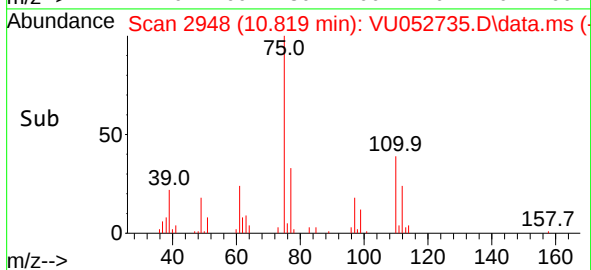
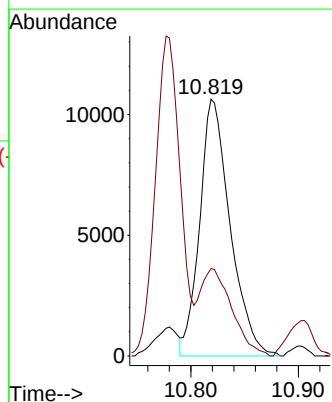
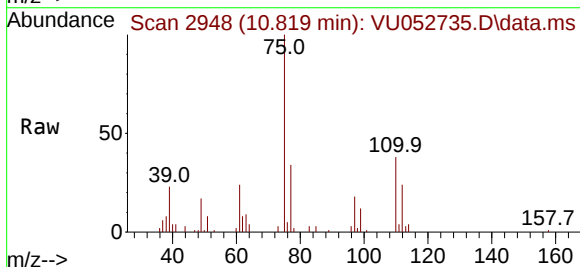
Manual Integrations
APPROVED

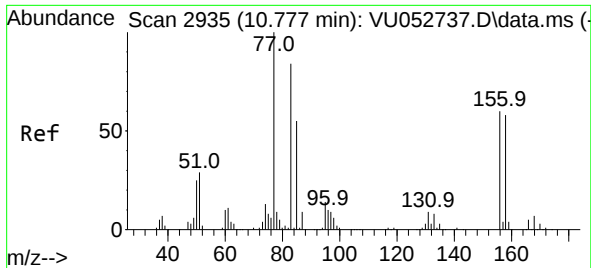
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#76
1,2,3-Trichloropropane
Concen: 4.714 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 75 Resp: 20913
Ion Ratio Lower Upper
75 100
77 35.6 15.0 45.1





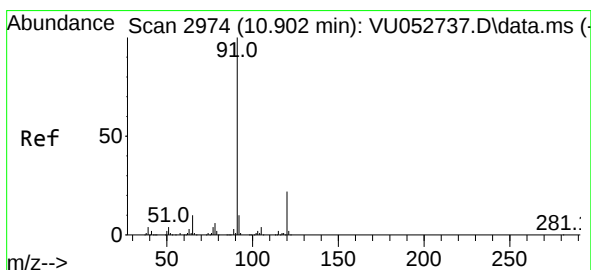
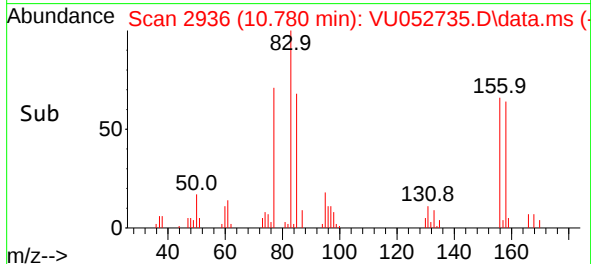
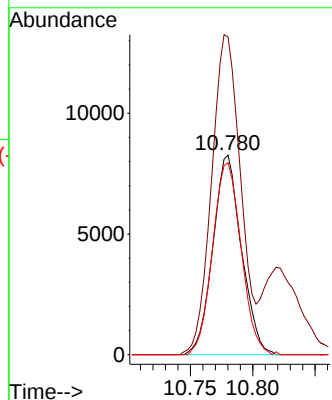
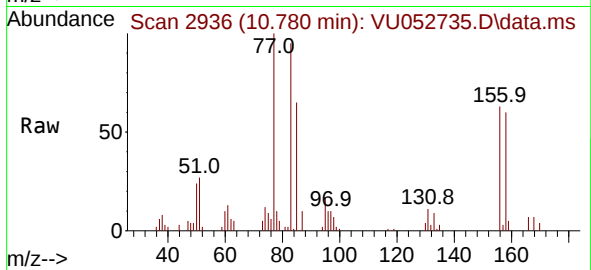
#77
Bromobenzene
Concen: 5.417 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 13169
Ion Ratio Lower Upper
156 100
77 162.8 83.8 251.4
158 96.4 48.7 146.1

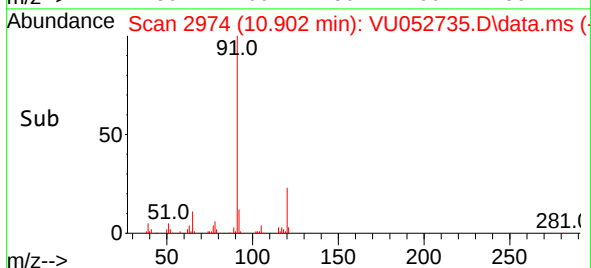
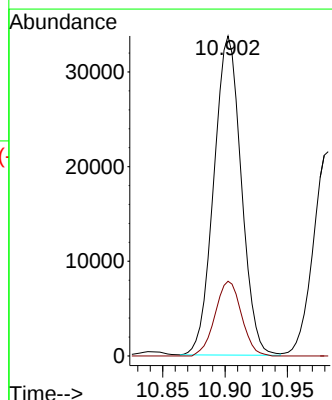
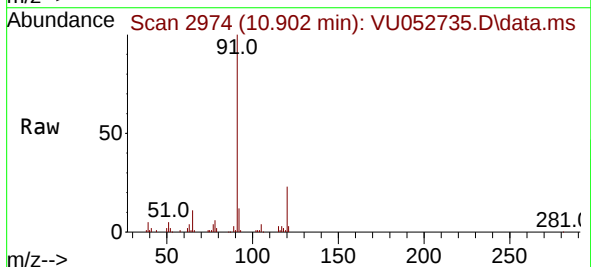
Manual Integrations
APPROVED

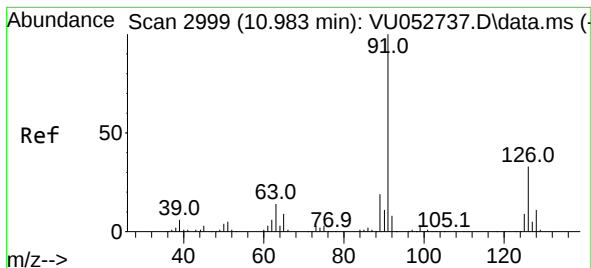
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#78
n-propylbenzene
Concen: 4.406 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 91 Resp: 51621
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 4.916 ug/l

RT: 10.983 min Scan# 2999

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 35329

Ion Ratio Lower Upper

91 100

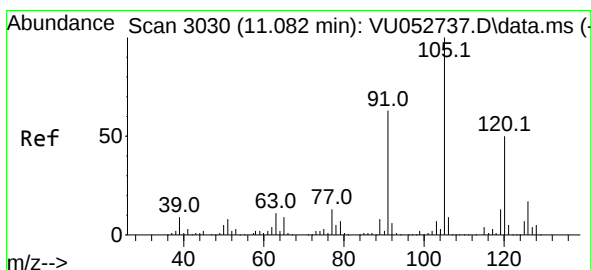
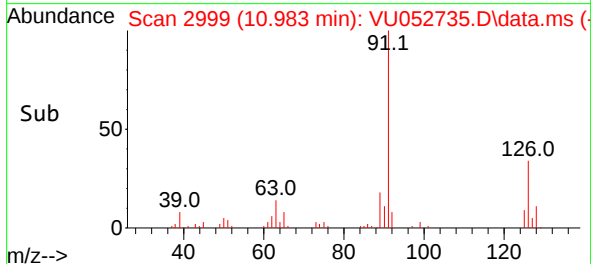
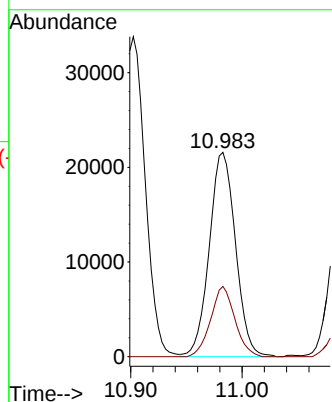
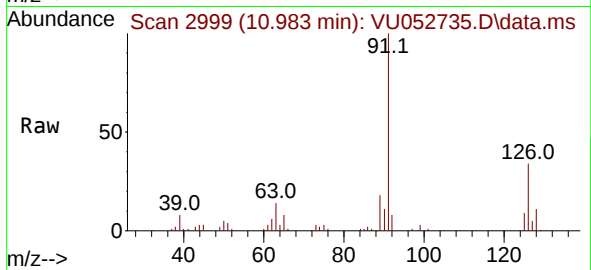
126 31.7 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#80

1,3,5-Trimethylbenzene

Concen: 4.479 ug/l

RT: 11.082 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU052735.D

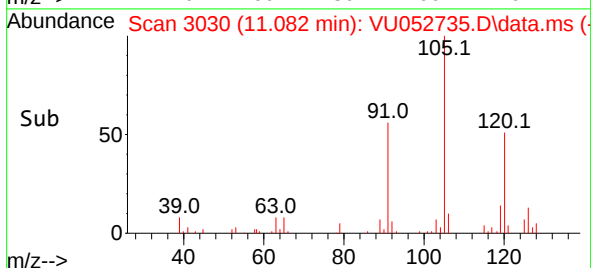
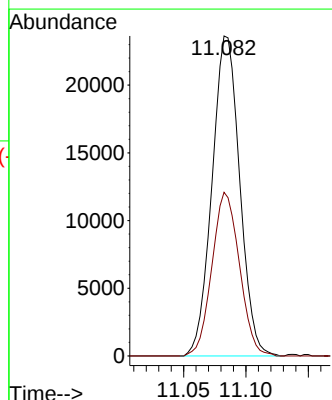
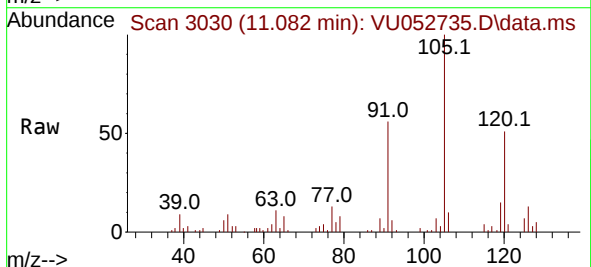
Acq: 19 Jan 2023 13:21

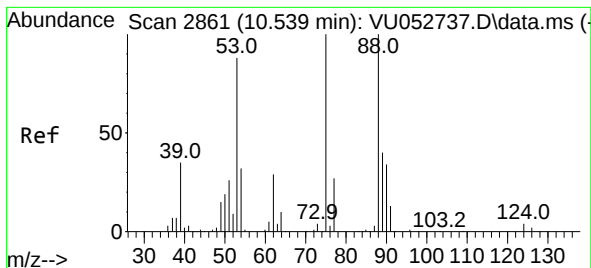
Tgt Ion:105 Resp: 36560

Ion Ratio Lower Upper

105 100

120 50.8 25.1 75.2





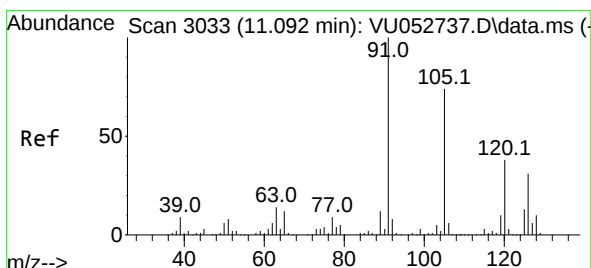
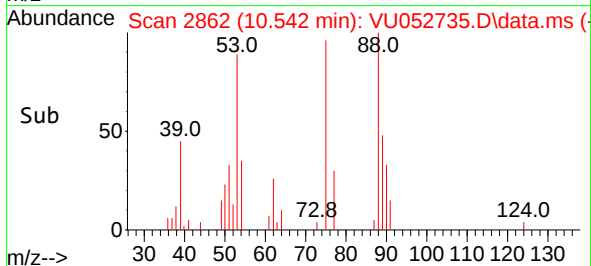
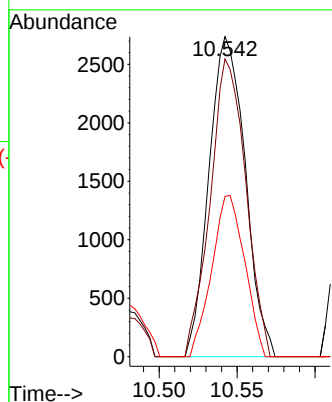
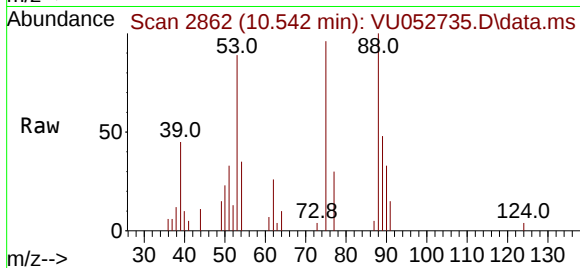
#81
trans-1,4-Dichloro-2-butene
Concen: 3.841 ug/l
RT: 10.542 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 441
Ion Ratio Lower Upper
75 100
53 91.2 72.4 108.6
89 45.9 35.0 52.4

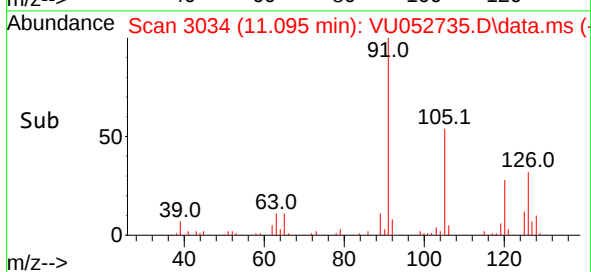
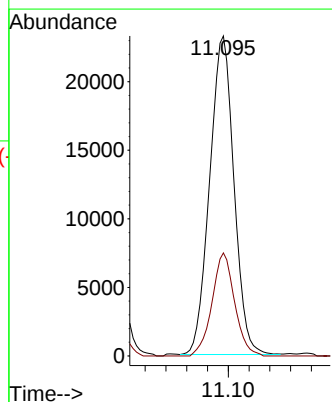
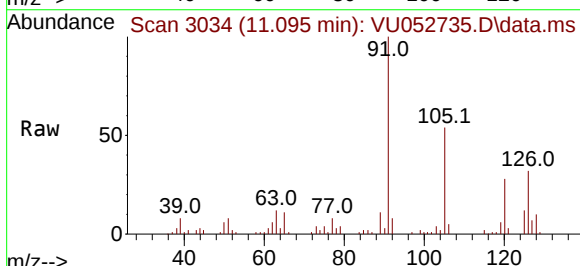
Manual Integrations
APPROVED

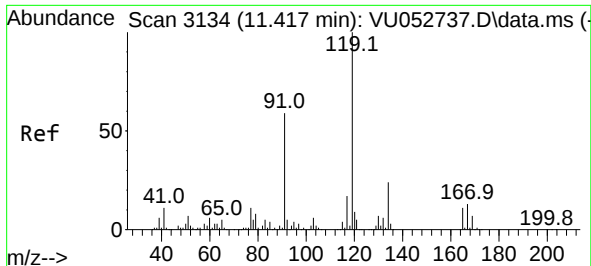
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#82
4-Chlorotoluene
Concen: 4.610 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

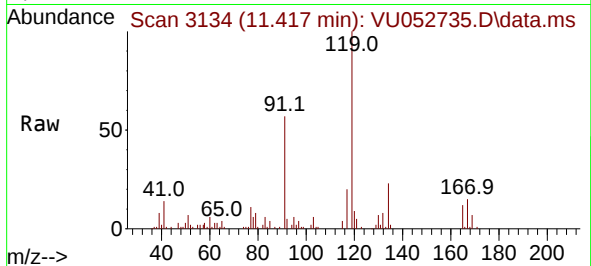
Tgt Ion: 91 Resp: 37629
Ion Ratio Lower Upper
91 100
126 30.1 14.9 44.7





#83
tert-Butylbenzene
Concen: 4.819 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

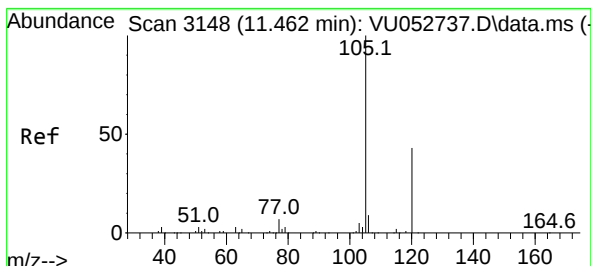
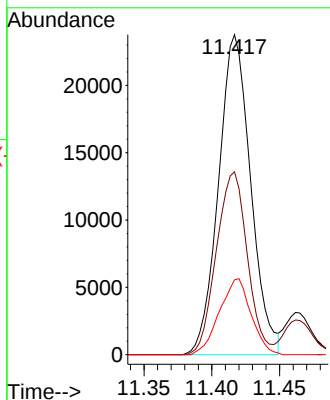
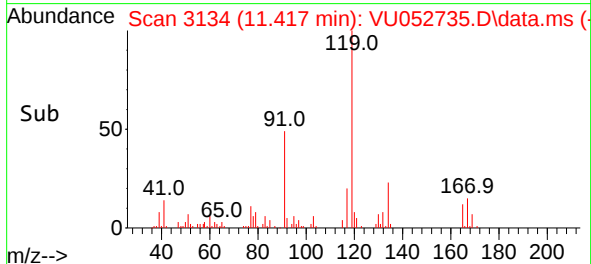
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



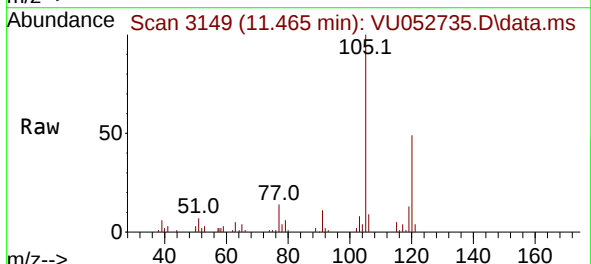
Tgt Ion:119 Resp: 39225
Ion Ratio Lower Upper
119 100
91 55.1 28.4 85.2
134 23.3 11.5 34.5

Manual Integrations
APPROVED

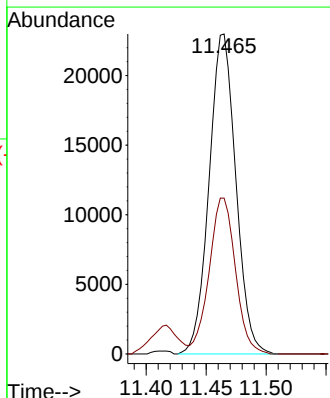
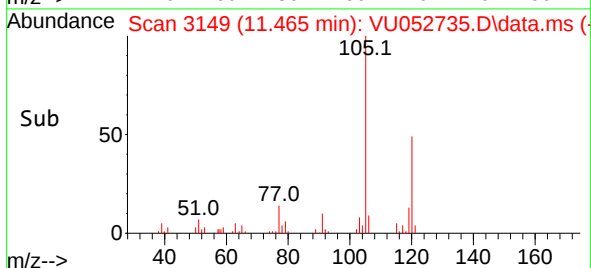
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

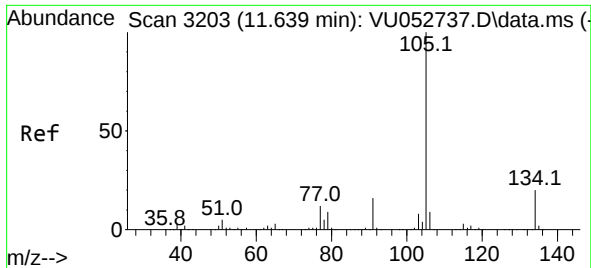


#84
1,2,4-Trimethylbenzene
Concen: 4.434 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21



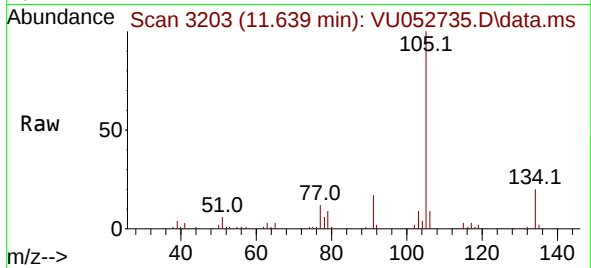
Tgt Ion:105 Resp: 35652
Ion Ratio Lower Upper
105 100
120 47.8 23.2 69.5





#85
 sec-Butylbenzene
 Concen: 4.461 ug/l
 RT: 11.639 min Scan# 3203
 Delta R.T. 0.000 min
 Lab File: VU052735.D
 Acq: 19 Jan 2023 13:21

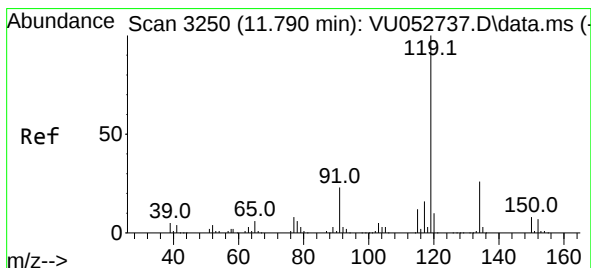
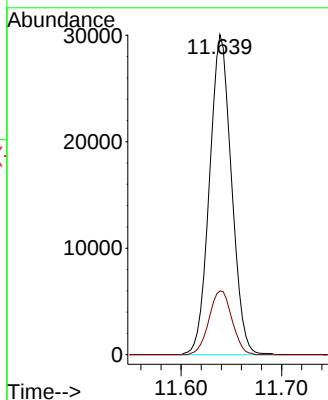
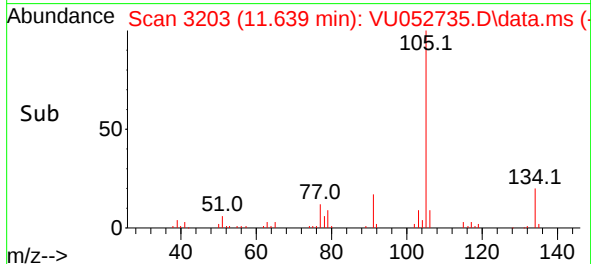
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



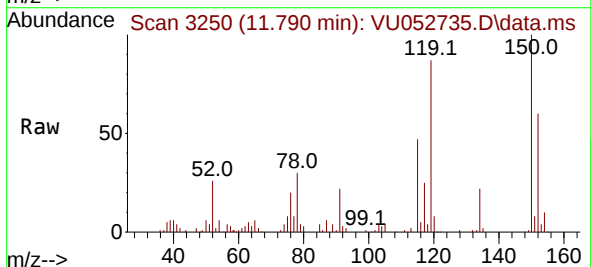
Tgt Ion:105 Resp: 45648
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.3

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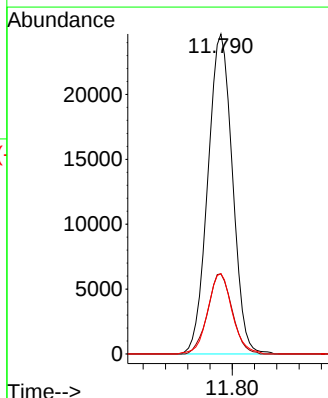
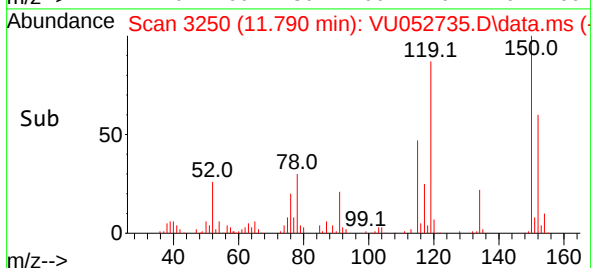
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

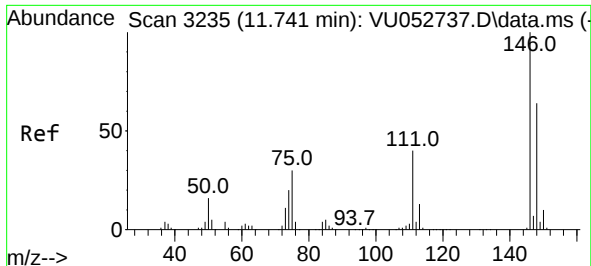


#86
 p-Isopropyltoluene
 Concen: 4.498 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. 0.000 min
 Lab File: VU052735.D
 Acq: 19 Jan 2023 13:21



Tgt Ion:119 Resp: 37773
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.1 39.1
 91 25.0 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 5.009 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 2348

Ion Ratio Lower Upper

146 100

111 42.5 20.1 60.2

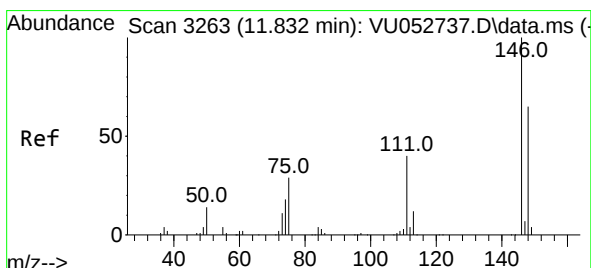
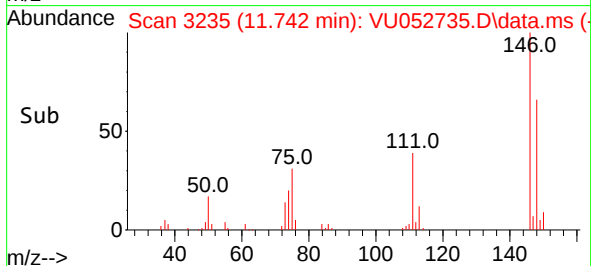
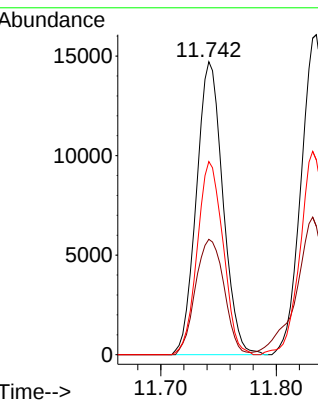
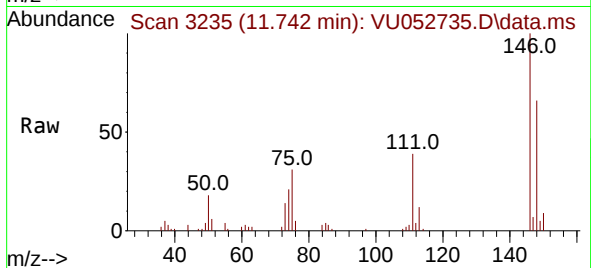
148 64.3 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#88

1,4-Dichlorobenzene

Concen: 5.330 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

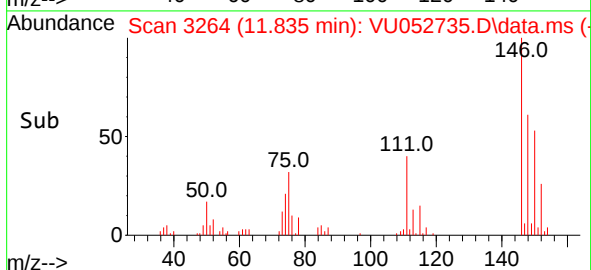
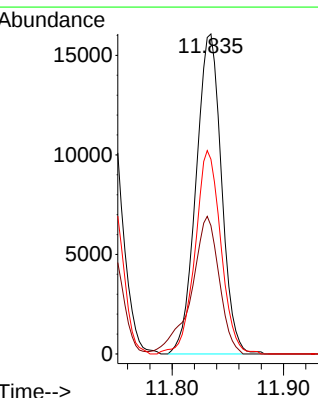
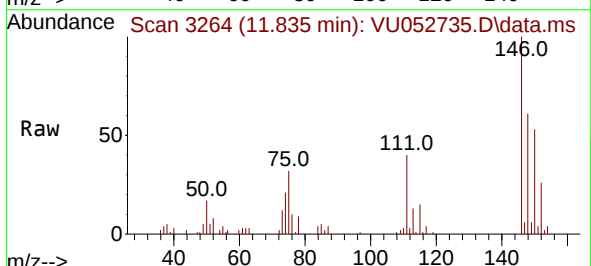
Tgt Ion:146 Resp: 25495

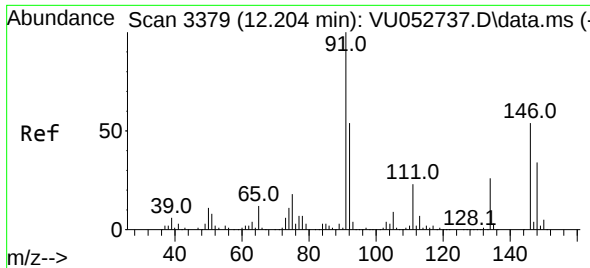
Ion Ratio Lower Upper

146 100

111 47.2 20.3 61.0

148 64.4 32.3 96.8





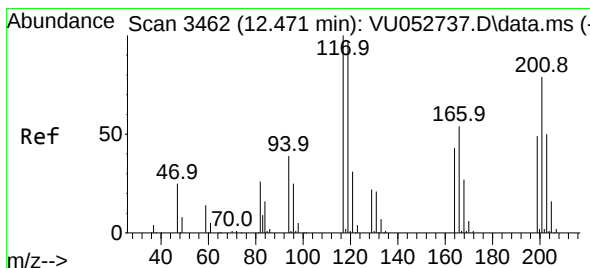
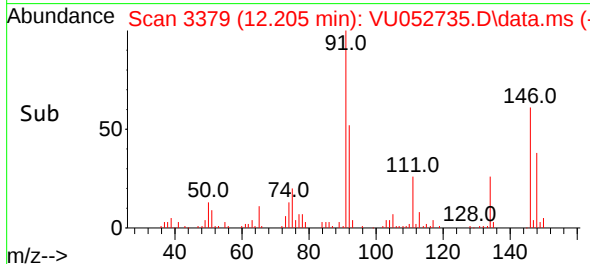
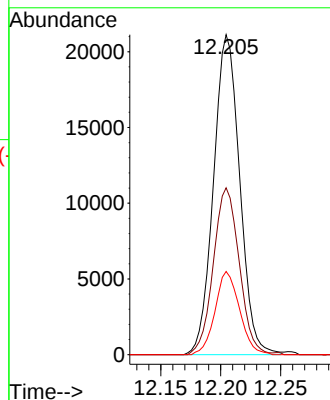
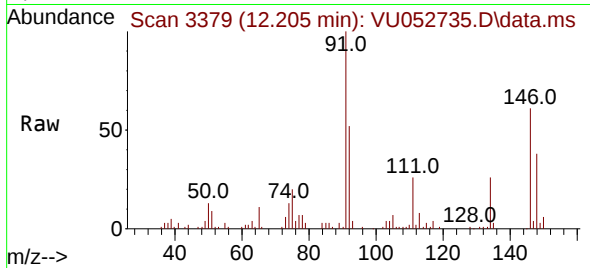
#89
n-Butylbenzene
Concen: 4.233 ug/l
RT: 12.205 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3205
Ion Ratio Lower Upper
91 100
92 51.8 26.8 80.3
134 24.3 13.1 39.3

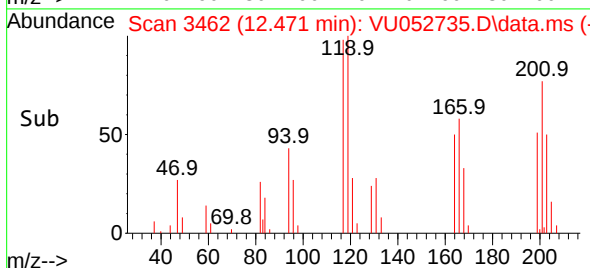
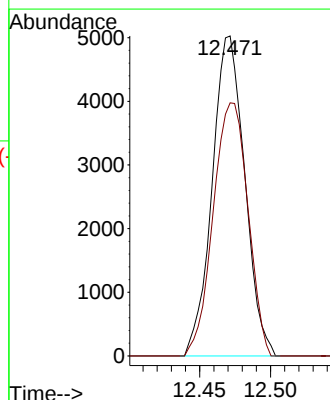
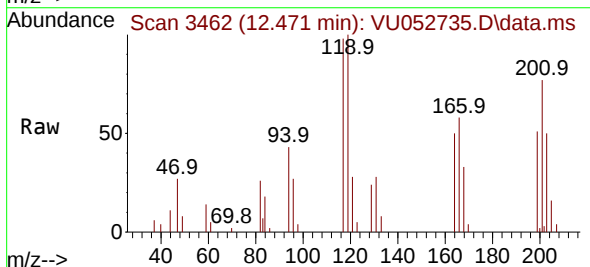
Manual Integrations
APPROVED

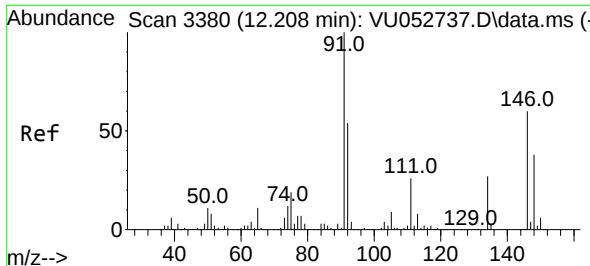
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#90
Hexachloroethane
Concen: 4.907 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

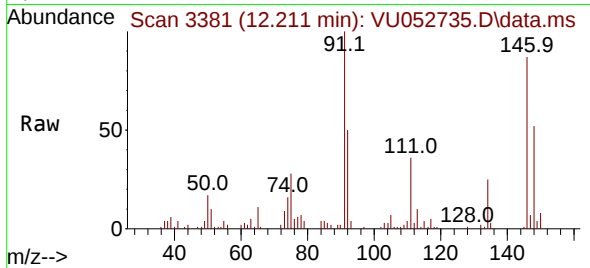
Tgt Ion:117 Resp: 8036
Ion Ratio Lower Upper
117 100
201 84.3 39.3 117.9





#91
1,2-Dichlorobenzene
Concen: 5.201 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

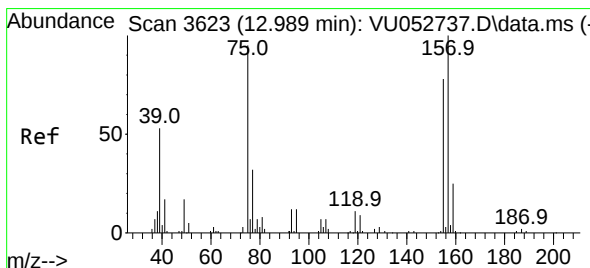
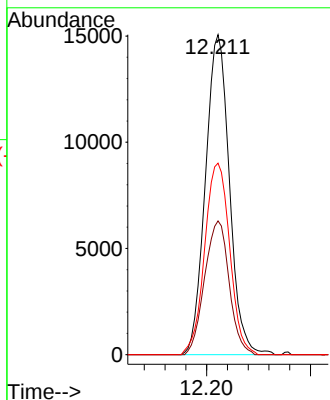
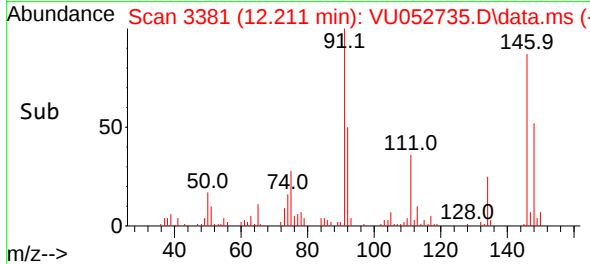
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



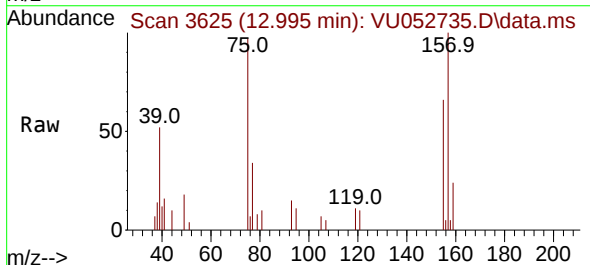
Tgt Ion:146 Resp: 24150
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.1
148 62.5 31.4 94.0

Manual Integrations
APPROVED

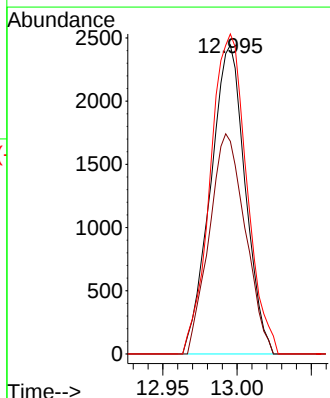
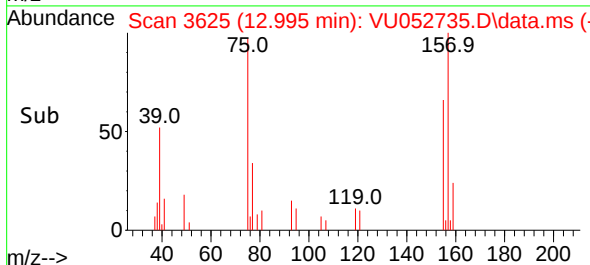
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

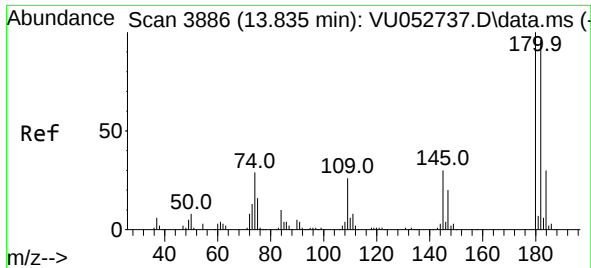


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.579 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. 0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21



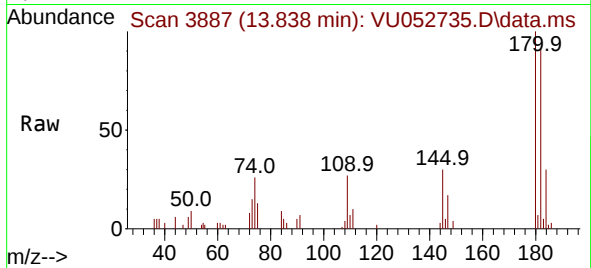
Tgt Ion: 75 Resp: 3973
Ion Ratio Lower Upper
75 100
155 73.8 41.4 124.4
157 108.8 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 4.319 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

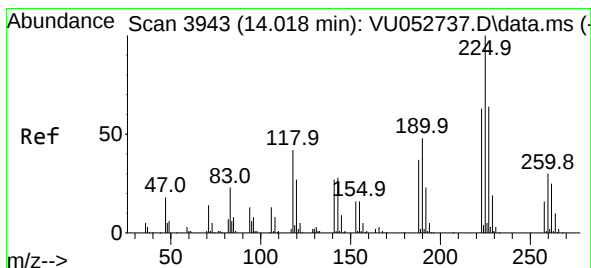
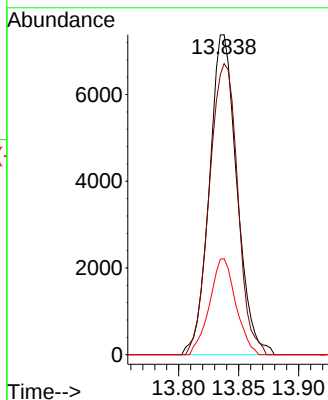
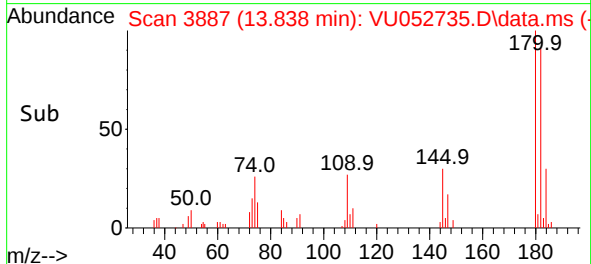
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



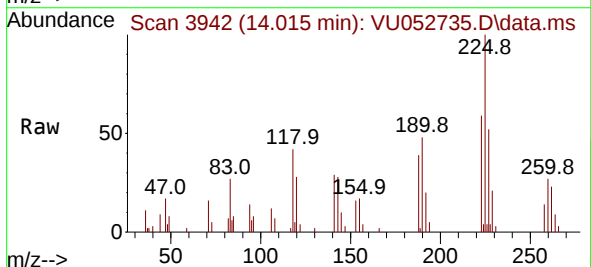
Tgt Ion:180 Resp: 1176
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.3
145 28.6 14.9 44.5

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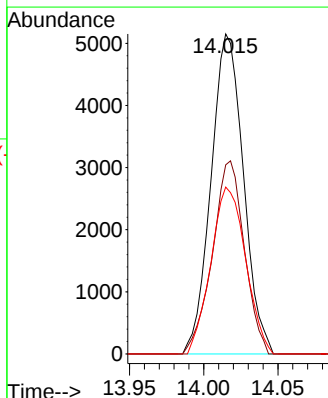
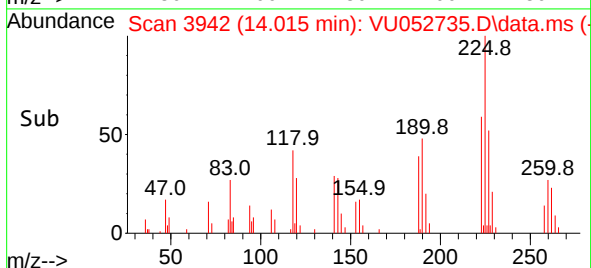
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

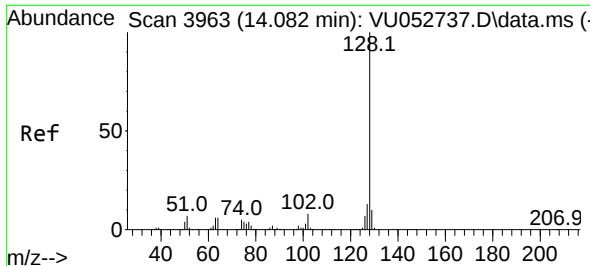


#94
Hexachlorobutadiene
Concen: 5.396 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21



Tgt Ion:225 Resp: 7816
Ion Ratio Lower Upper
225 100
223 59.3 31.8 95.3
227 55.9 31.8 95.4





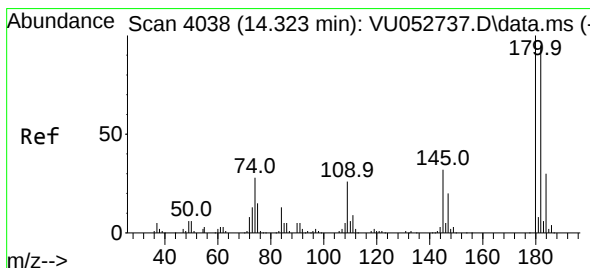
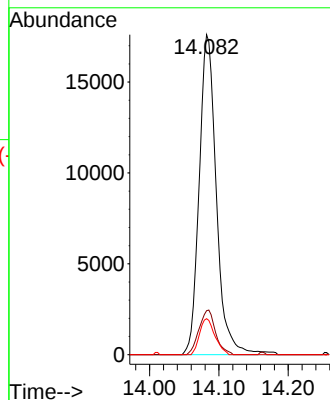
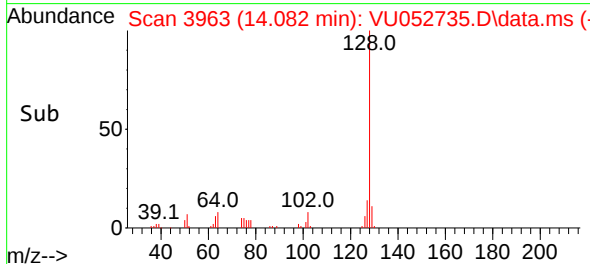
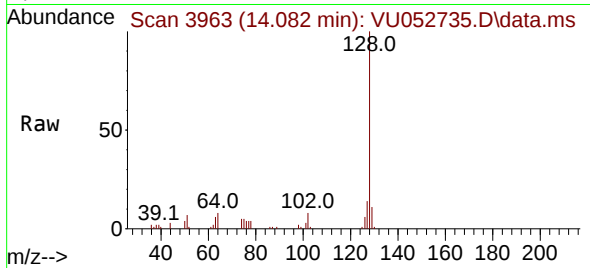
#95
Naphthalene
Concen: 3.737 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 3037
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.0 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: 4.501 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:180 Resp: 12302
Ion Ratio Lower Upper
180 100
182 88.8 48.1 144.3
145 29.7 15.8 47.4

