

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045754.D
 Acq On : 11 Nov 2021 21:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 06:15:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	107619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	195896	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	188340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	98024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	74027	45.931	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.860%		
35) Dibromofluoromethane	5.292	113	57545	43.998	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.000%		
50) Toluene-d8	7.899	98	217195	44.659	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.320%#		
62) 4-Bromofluorobenzene	10.636	95	83814	42.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	62057	44.475	ug/l	98
3) Chloromethane	1.520	50	68714	43.040	ug/l	100
4) Vinyl Chloride	1.604	62	71780	46.155	ug/l	100
5) Bromomethane	1.842	94	45874	52.884	ug/l	99
6) Chloroethane	1.925	64	43047	42.413	ug/l	100
7) Trichlorofluoromethane	2.134	101	98123	47.713	ug/l	99
8) Diethyl Ether	2.375	74	39399	48.398	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.578	101	56918	47.398	ug/l	98
10) Methyl Iodide	2.723	142	60591	38.557	ug/l	93
11) Tert butyl alcohol	3.179	59	84001	263.317	ug/l	100
12) 1,1-Dichloroethene	2.578	96	55228	46.645	ug/l	98
13) Acrolein	2.485	56	13151	284.476	ug/l	97
14) Allyl chloride	2.922	41	98320	46.506	ug/l	96
15) Acrylonitrile	3.314	53	217642	255.531	ug/l	98
16) Acetone	2.626	43	170549	207.874	ug/l	97
17) Carbon Disulfide	2.793	76	136972	41.302	ug/l	99
18) Methyl Acetate	2.948	43	139866	50.052	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	214442	50.316	ug/l	99
20) Methylene Chloride	3.044	84	67937	47.655	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	59522	48.322	ug/l	99
22) Diisopropyl ether	3.996	45	207607	50.013	ug/l	92
23) Vinyl Acetate	3.957	43	805399	252.266	ug/l	99
24) 1,1-Dichloroethane	3.871	63	122918	49.691	ug/l	100
25) 2-Butanone	4.700	43	280762	246.732	ug/l	98
26) 2,2-Dichloropropane	4.668	77	86598	42.247	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	70741	48.897	ug/l	99
28) Bromochloromethane	4.977	49	56585	47.982	ug/l	97
29) Tetrahydrofuran	5.051	42	176658	253.801	ug/l	98
30) Chloroform	5.092	83	124551	50.911	ug/l	100
31) Cyclohexane	5.391	56	101602	43.204	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	105216	50.433	ug/l	97
36) 1,1-Dichloropropene	5.530	75	86941	45.516	ug/l	98
37) Ethyl Acetate	4.803	43	105664	48.156	ug/l	98
38) Carbon Tetrachloride	5.526	117	90470	46.980	ug/l	99
39) Methylcyclohexane	6.764	83	102140	43.587	ug/l	96
40) Benzene	5.777	78	256865	45.421	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	57391	49.494	ug/l	98
42) 1,2-Dichloroethane	5.797	62	97912	47.932	ug/l	100
43) Isopropyl Acetate	5.912	43	159340	47.478	ug/l	98
44) Trichloroethene	6.546	130	66395	49.048	ug/l	98
45) 1,2-Dichloropropane	6.793	63	72430	48.404	ug/l	100
46) Dibromomethane	6.922	93	50008	48.232	ug/l	99
47) Bromodichloromethane	7.108	83	99259	50.455	ug/l	99
48) Methyl methacrylate	6.960	41	75499	48.876	ug/l	97
49) 1,4-Dioxane	6.964	88	40087	1009.117	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	546255	246.741	ug/l	100
52) Toluene	7.973	92	165565	47.820	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	104460	46.202	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	114898	47.845	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	71230	49.640	ug/l	98
56) Ethyl methacrylate	8.337	69	110580	43.305	ug/l	96
57) 1,3-Dichloropropane	8.578	76	124992	48.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	272466	206.250	ug/l	98
59) 2-Hexanone	8.684	43	422109	220.052	ug/l	99
60) Dibromochloromethane	8.812	129	74375	49.777	ug/l	100
61) 1,2-Dibromoethane	8.925	107	74518	48.420	ug/l	99
64) Tetrachloroethene	8.555	164	56692	52.445	ug/l	97
65) Chlorobenzene	9.449	112	174387	47.138	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	63778	48.338	ug/l	98
67) Ethyl Benzene	9.574	91	318645	48.097	ug/l	99
68) m/p-Xylenes	9.697	106	246135	98.511	ug/l	100
69) o-Xylene	10.102	106	119067	49.017	ug/l	100
70) Styrene	10.118	104	207491	50.491	ug/l	98
71) Bromoform	10.295	173	54832	44.283	ug/l #	99
73) Isopropylbenzene	10.488	105	318882	49.788	ug/l	100
74) N-amyl acetate	10.320	43	134950	46.706	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	121888	48.033	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	101528m	34.154	ug/l	
77) Bromobenzene	10.783	156	74610	47.979	ug/l	97
78) n-propylbenzene	10.909	91	383758	48.142	ug/l	99
79) 2-Chlorotoluene	10.989	91	227709	48.350	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	274270	49.012	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	33692	37.900	ug/l	96
82) 4-Chlorotoluene	11.099	91	265215	48.018	ug/l	98
83) tert-Butylbenzene	11.423	119	261432	49.009	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	275309	49.502	ug/l	99
85) sec-Butylbenzene	11.645	105	344077	48.635	ug/l	100
86) p-Isopropyltoluene	11.796	119	284155	48.065	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	147090	46.880	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	147560	46.501	ug/l	99
89) n-Butylbenzene	12.211	91	261425	45.905	ug/l	99
90) Hexachloroethane	12.478	117	47383	44.429	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	145190	47.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	28393	47.420	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	96797	45.861	ug/l	99
94) Hexachlorobutadiene	14.024	225	39657	43.527	ug/l	98
95) Naphthalene	14.089	128	360607	45.540	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	100202	47.797	ug/l	98

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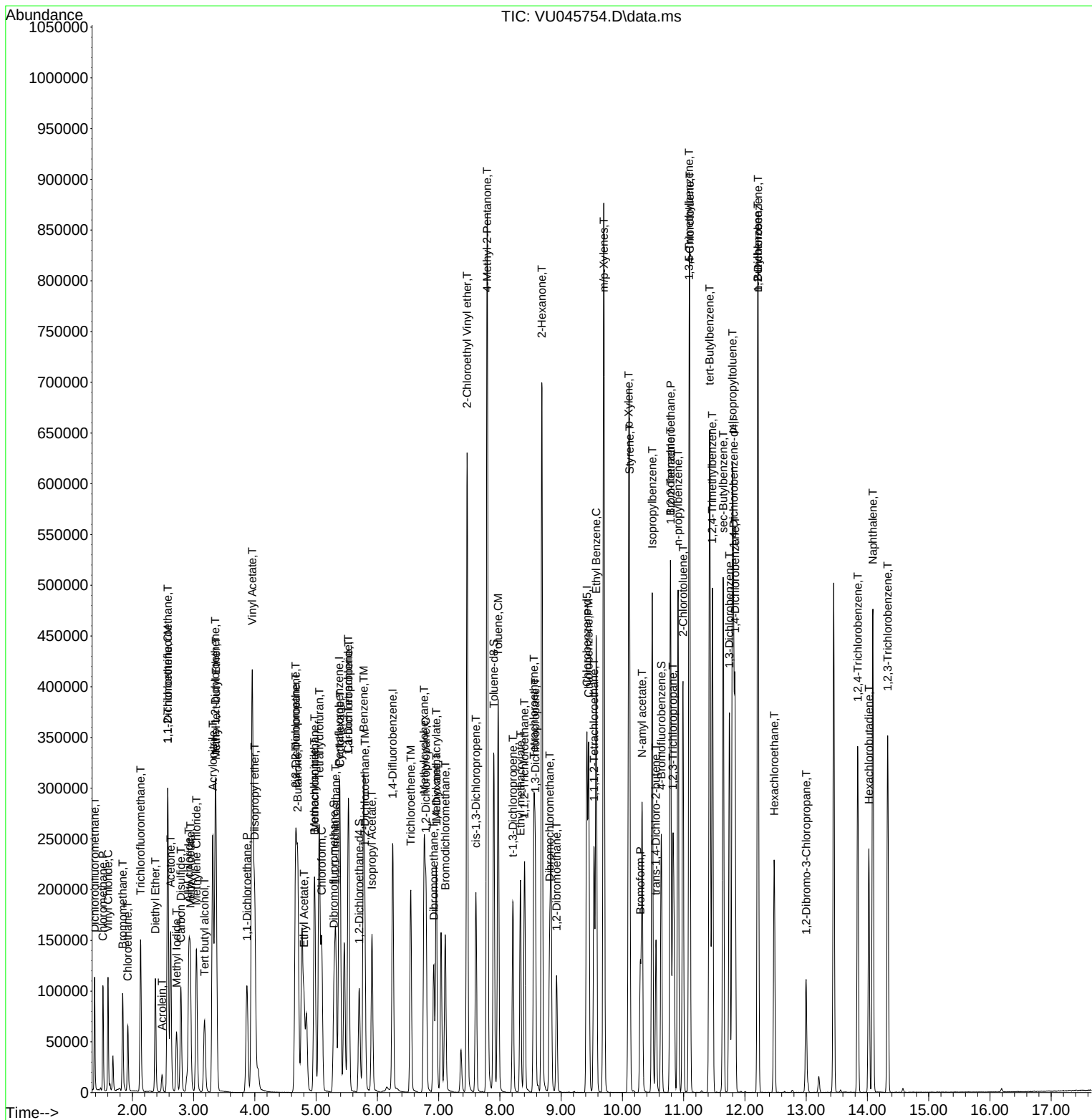
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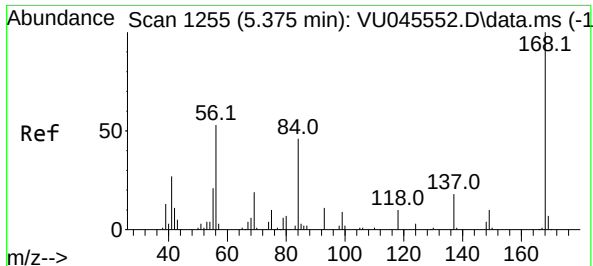
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

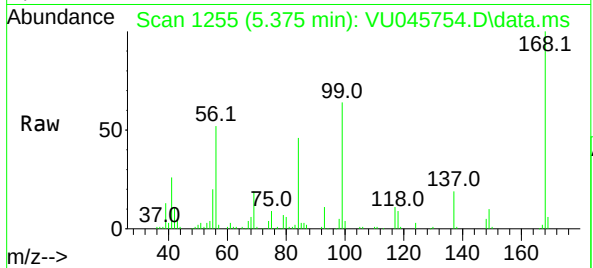
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

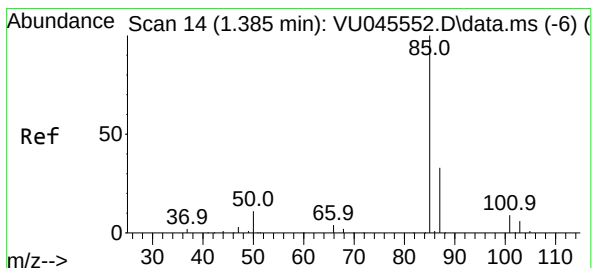
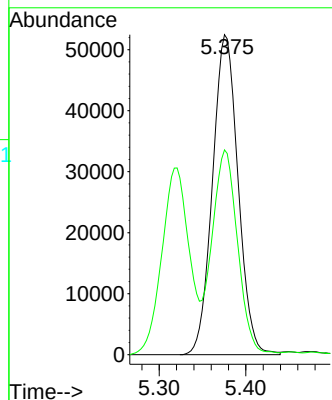
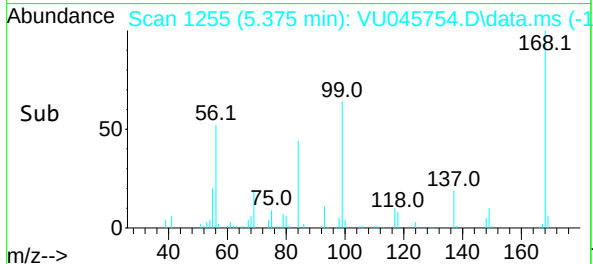
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Tgt Ion:168 Resp: 107619
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.6

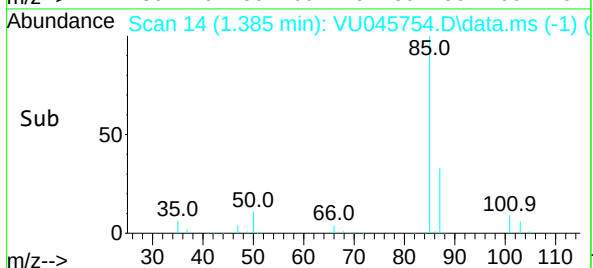
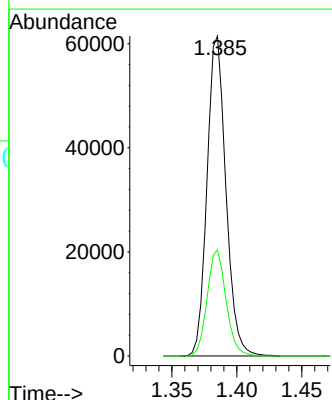
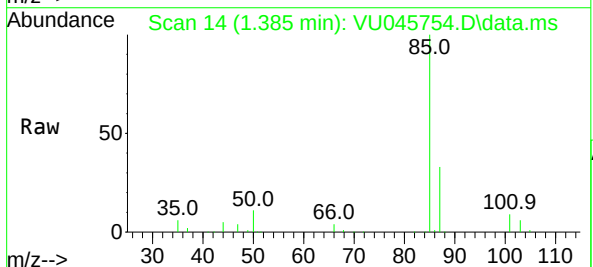
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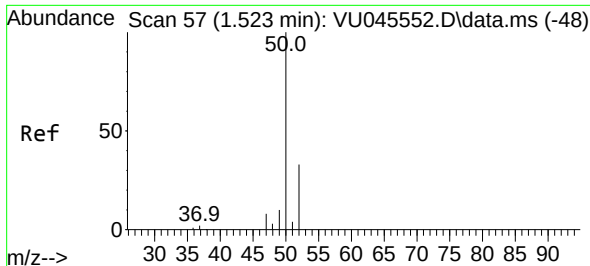
Reviewed By :John Carlone 11/12/2021
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#2
Dichlorodifluoromethane
Concen: 44.475 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

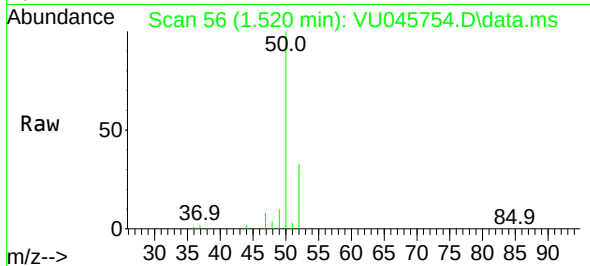
Tgt Ion: 85 Resp: 62057
Ion Ratio Lower Upper
85 100
87 33.2 15.9 47.7





#3
Chloromethane
Concen: 43.040 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

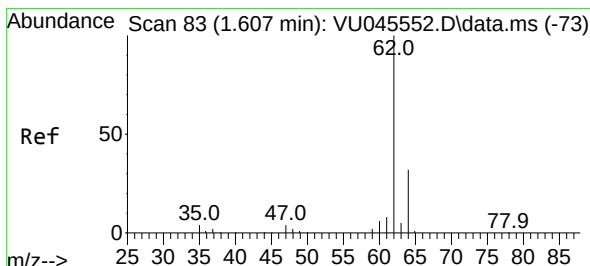
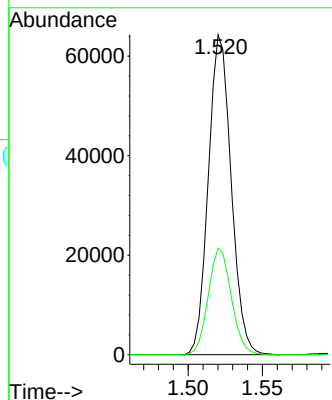
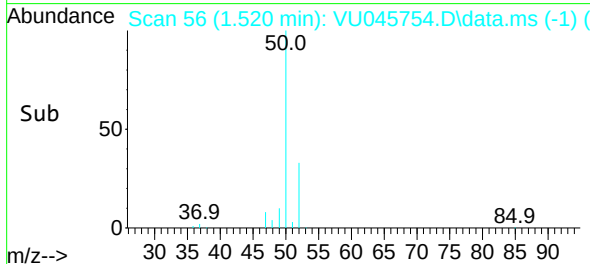
Instrument :
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Tgt Ion: 50 Resp: 68714
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0

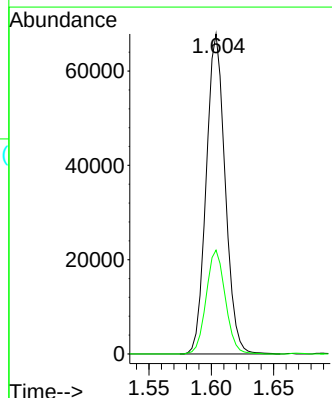
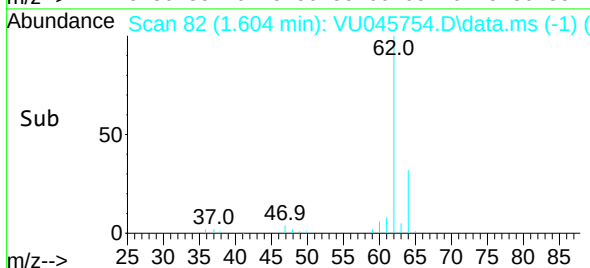
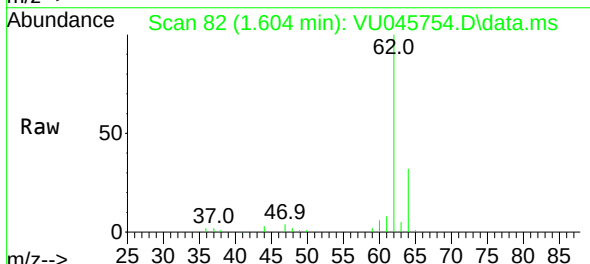
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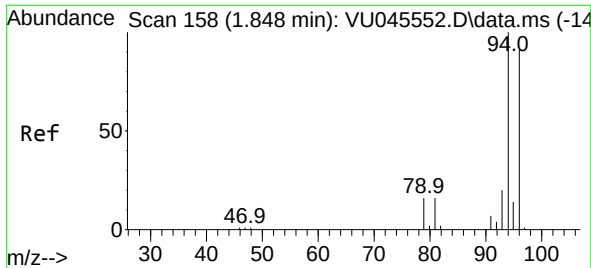
Reviewed By :John Carlone 11/12/2021
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#4
Vinyl Chloride
Concen: 46.155 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

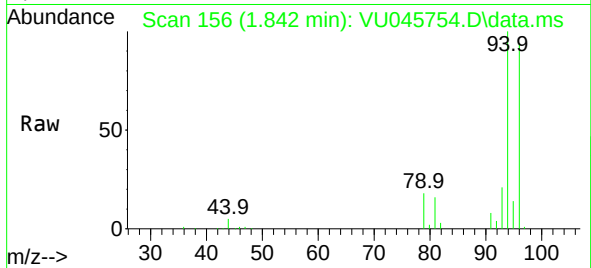
Tgt Ion: 62 Resp: 71780
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6





#5
Bromomethane
Concen: 52.884 ug/l
RT: 1.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

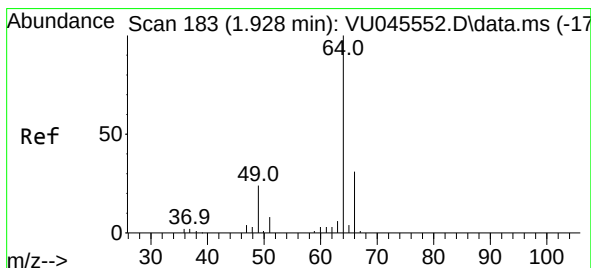
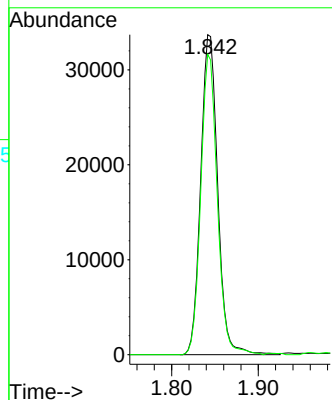
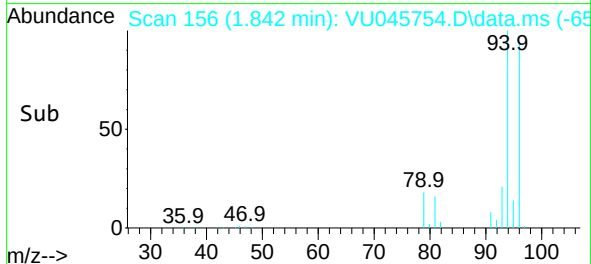
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Tgt Ion: 94 Resp: 45874
Ion Ratio Lower Upper
94 100
96 93.8 75.4 113.2

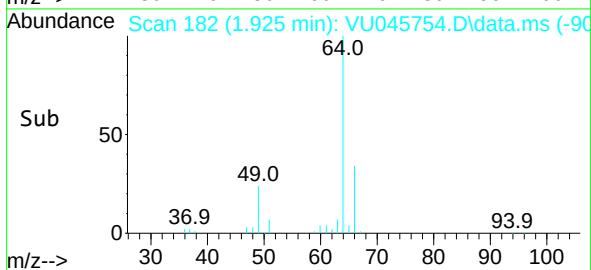
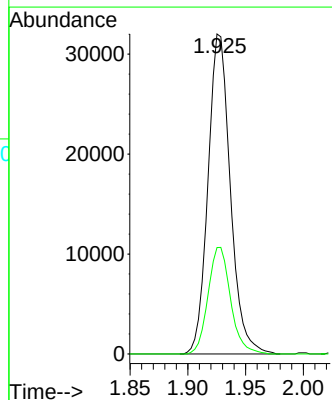
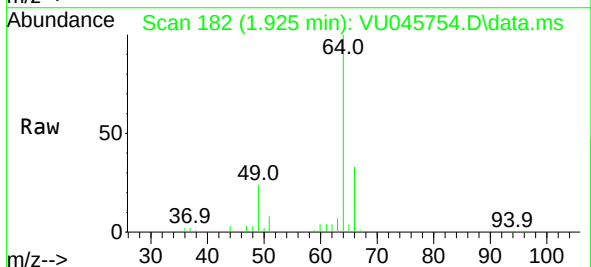
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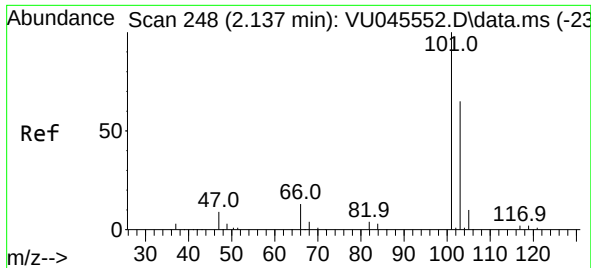
Reviewed By :John Carlone 11/12/2021
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#6
Chloroethane
Concen: 42.413 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU045754.D
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Tgt Ion: 64 Resp: 43047
Ion Ratio Lower Upper
64 100
66 33.3 26.7 40.1





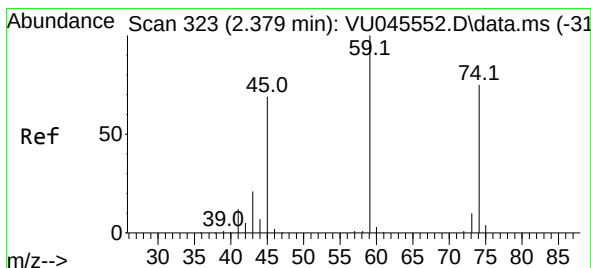
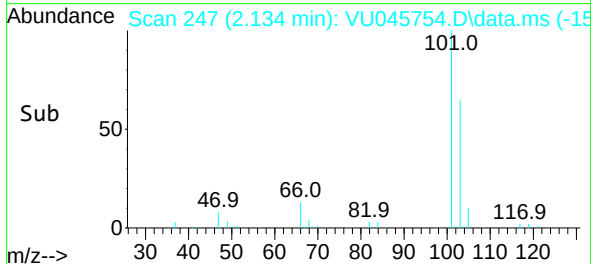
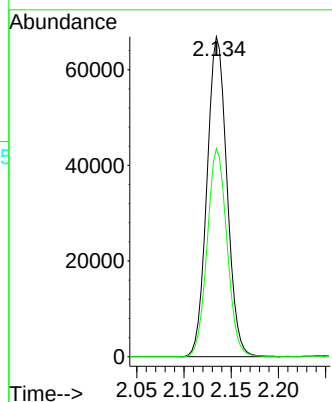
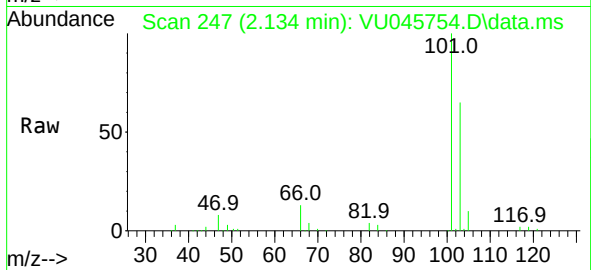
#7
Trichlorofluoromethane
Concen: 47.713 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 9812
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

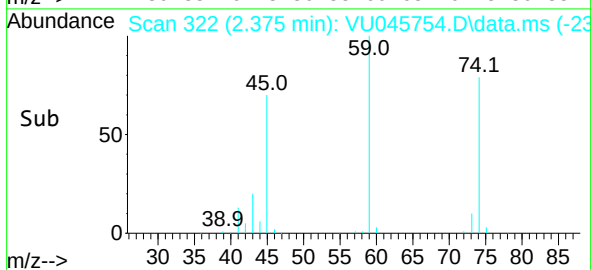
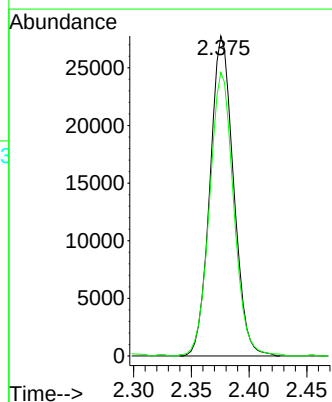
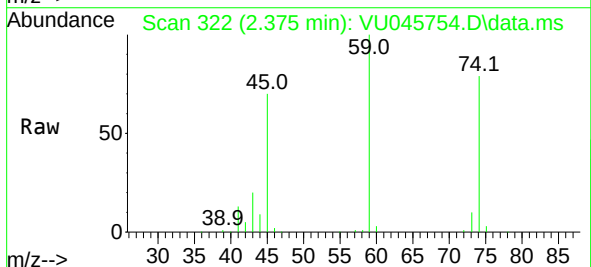
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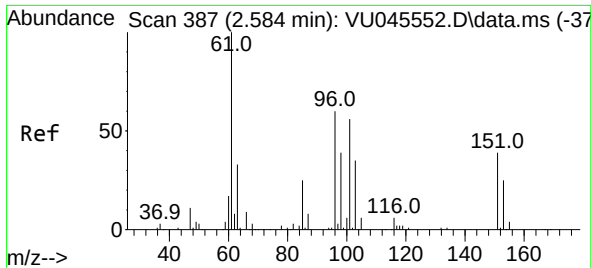
Reviewed By :John Carlone 11/12/2021
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#8
Diethyl Ether
Concen: 48.398 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 39399
Ion Ratio Lower Upper
74 100
45 91.1 47.3 141.8





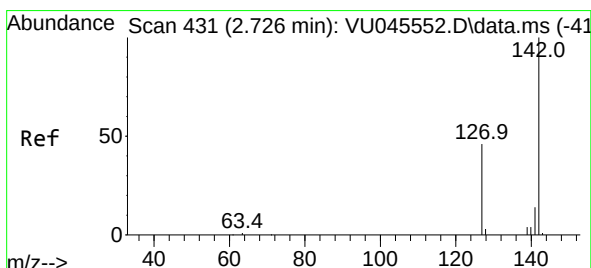
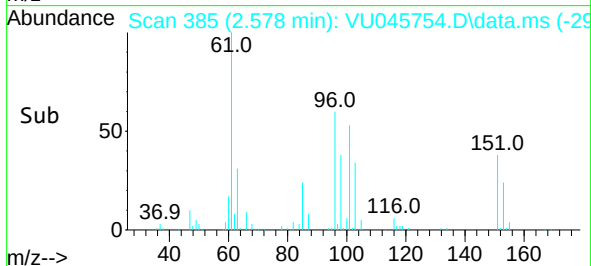
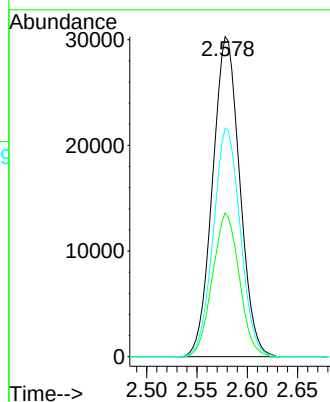
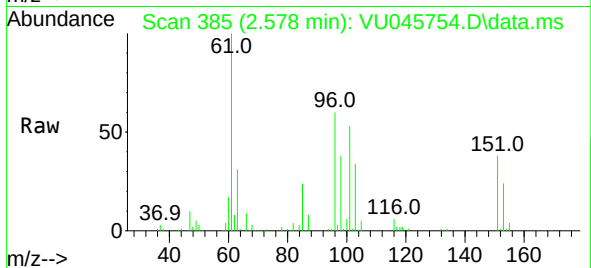
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.398 ug/l
RT: 2.578 min Scan# 387
Delta R.T. -0.006 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 56918
Ion Ratio Lower Upper
101 100
85 44.2 35.0 52.4
151 71.1 54.6 82.0

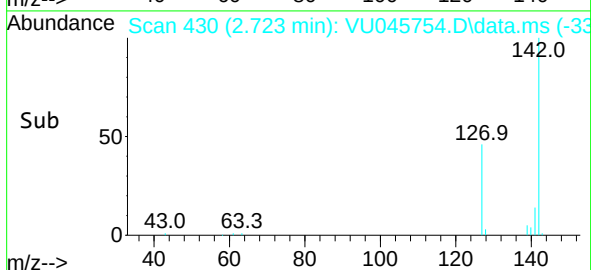
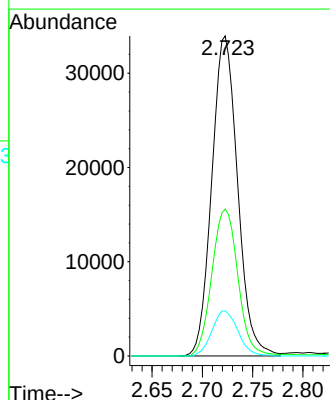
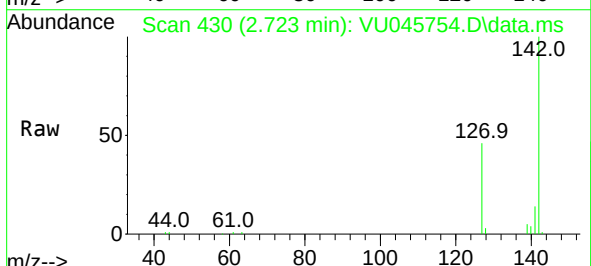
Manual Integrations
APPROVED

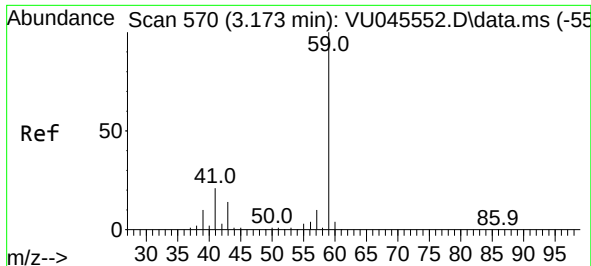
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 38.557 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Tgt Ion:142 Resp: 60591
Ion Ratio Lower Upper
142 100
127 46.3 32.2 48.2
141 14.2 11.3 16.9





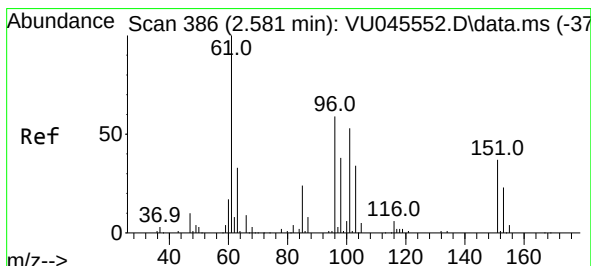
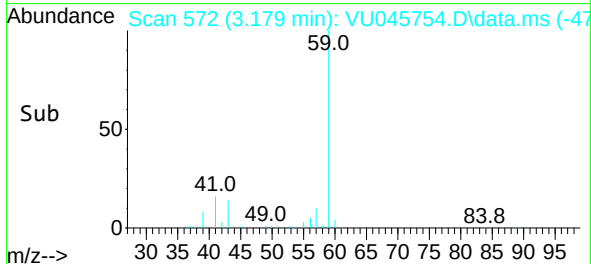
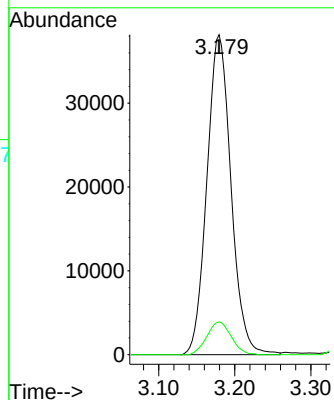
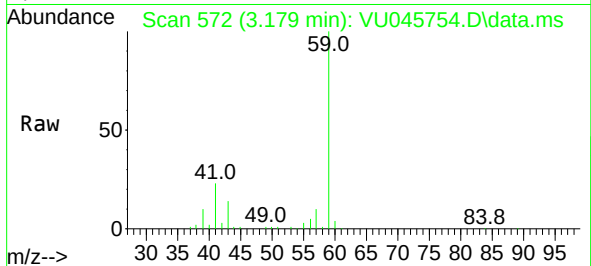
#11
Tert butyl alcohol
Concen: 263.317 ug/l
RT: 3.179 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 8400
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

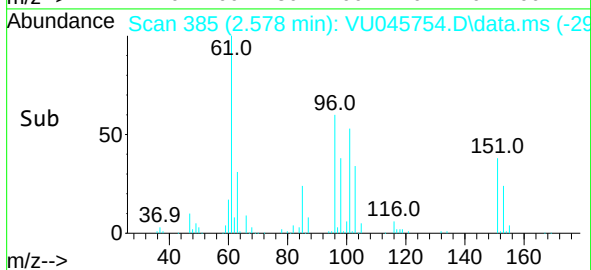
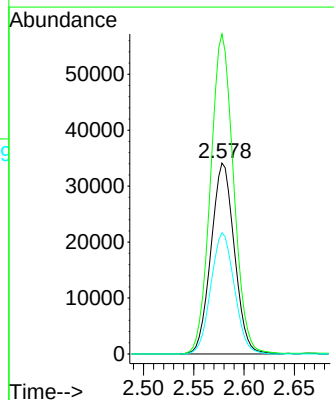
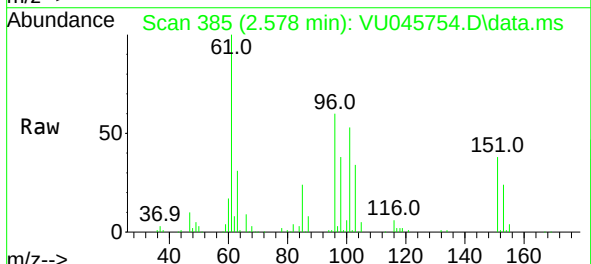
Manual Integrations
APPROVED

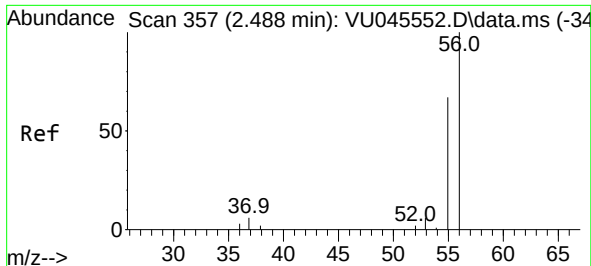
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#12
1,1-Dichloroethene
Concen: 46.645 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

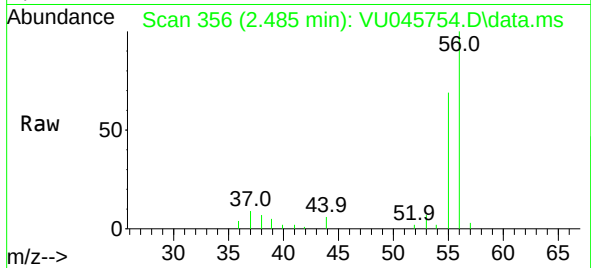
Tgt Ion: 96 Resp: 55228
Ion Ratio Lower Upper
96 100
61 167.7 137.1 205.7
98 63.6 51.5 77.3





#13
Acrolein
Concen: 284.476 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

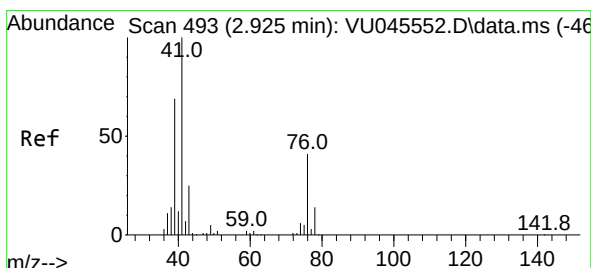
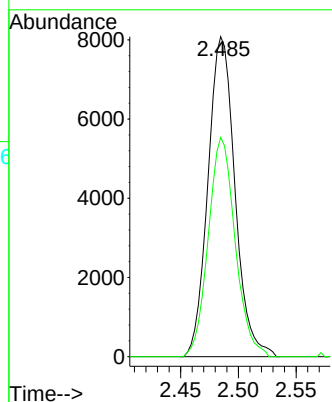
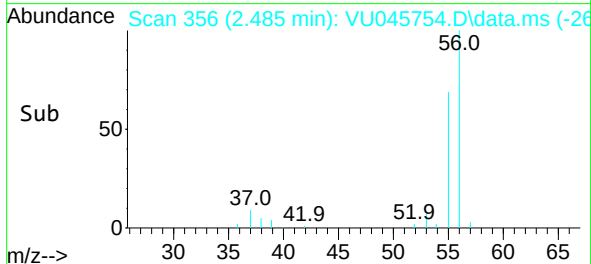
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 1315
Ion Ratio Lower Upper
56 100
55 68.2 56.3 84.5

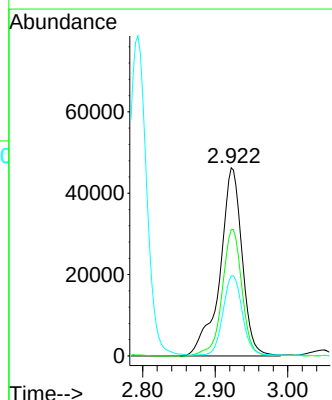
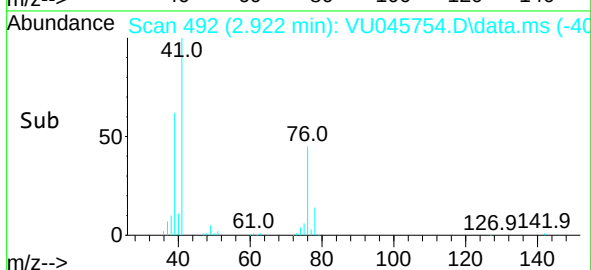
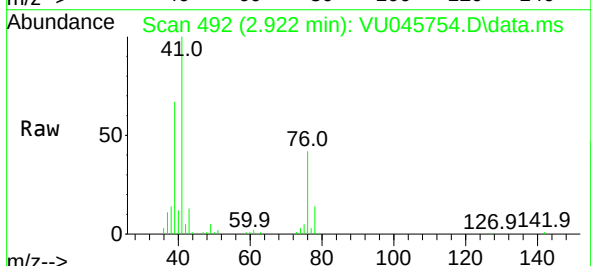
Manual Integrations
APPROVED

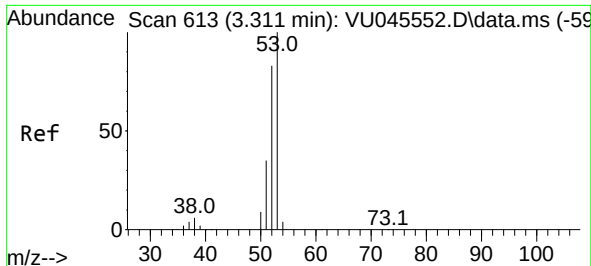
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Allyl chloride
Concen: 46.506 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

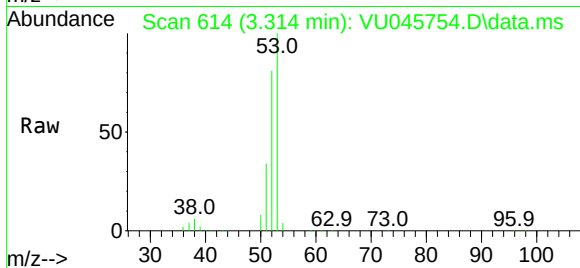
Tgt Ion: 41 Resp: 98320
Ion Ratio Lower Upper
41 100
39 59.7 49.7 74.5
76 37.2 27.7 41.5





#15
Acrylonitrile
Concen: 255.531 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

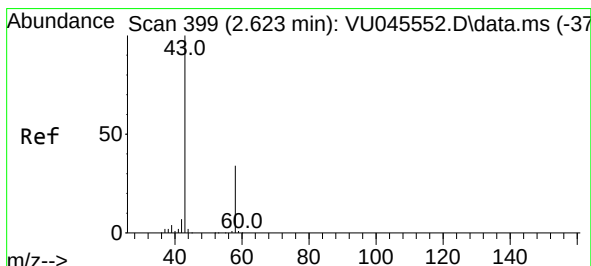
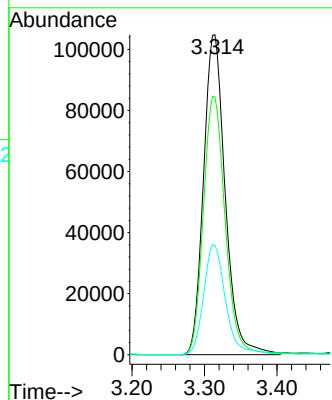
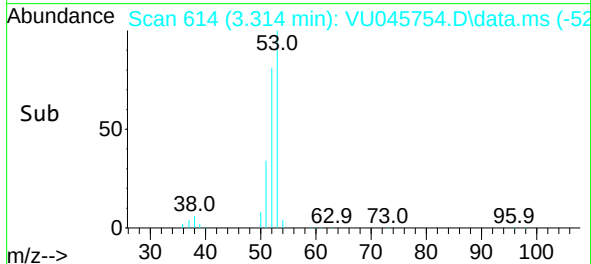
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 217642
Ion Ratio Lower Upper
53 100
52 81.3 66.6 100.0
51 35.0 28.4 42.6

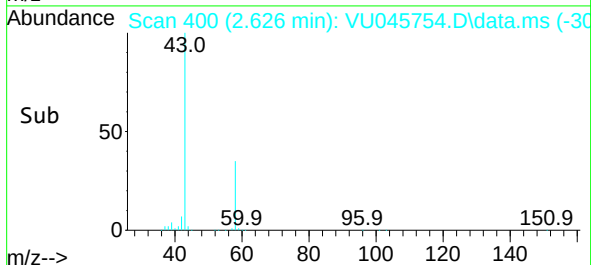
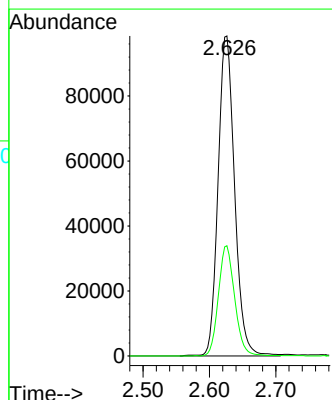
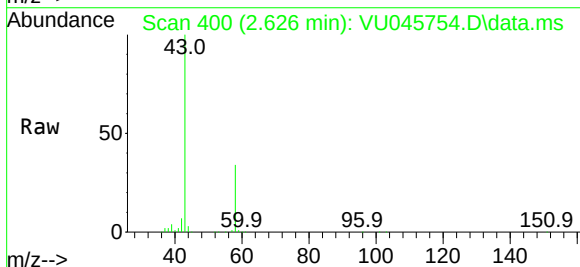
Manual Integrations
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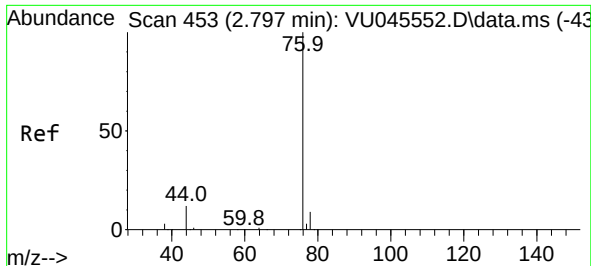
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 207.874 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Tgt Ion: 43 Resp: 170549
Ion Ratio Lower Upper
43 100
58 34.5 26.2 39.2





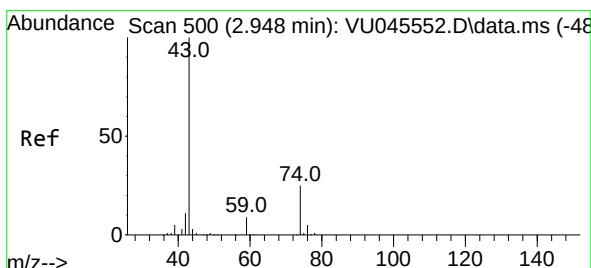
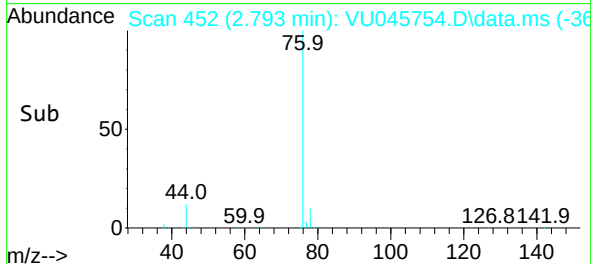
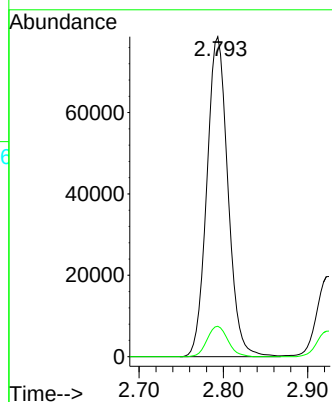
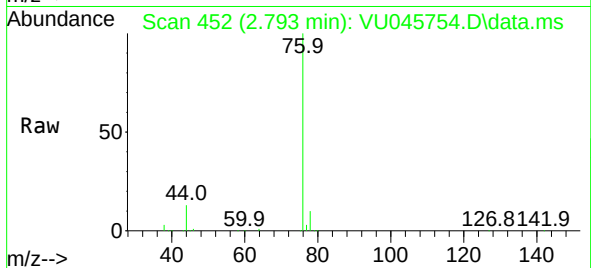
#17
Carbon Disulfide
Concen: 41.302 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 136972
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

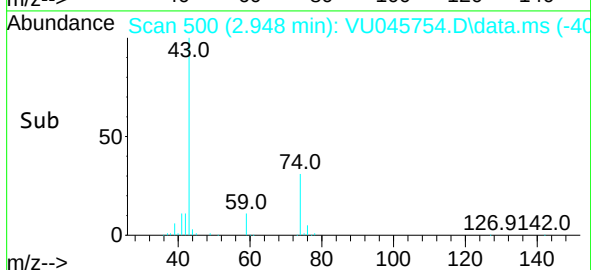
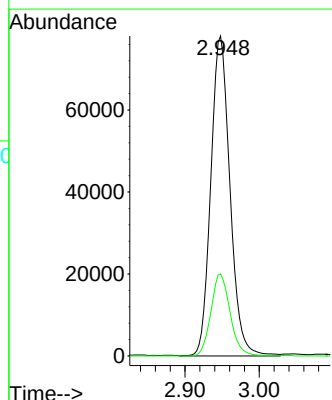
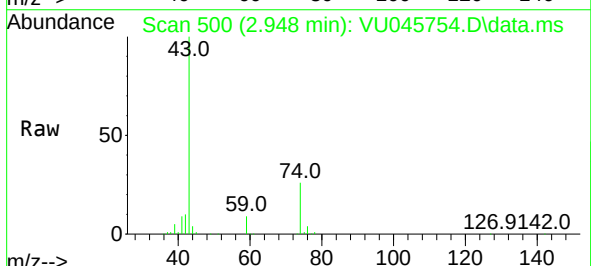
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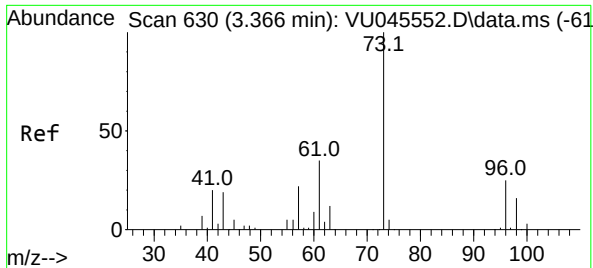
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 50.052 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Tgt Ion: 43 Resp: 139866
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 50.316 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 21444

Ion Ratio Lower Upper

73 100

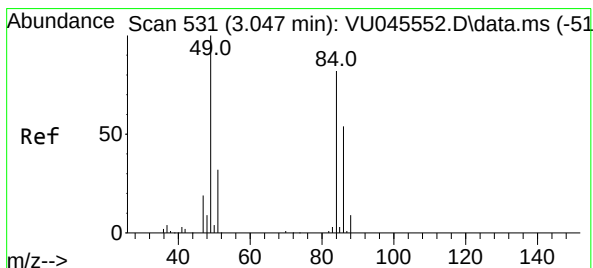
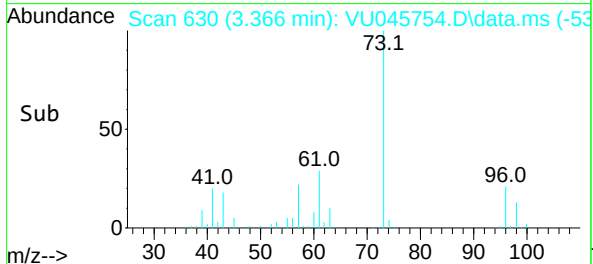
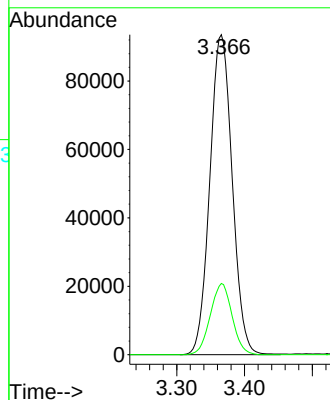
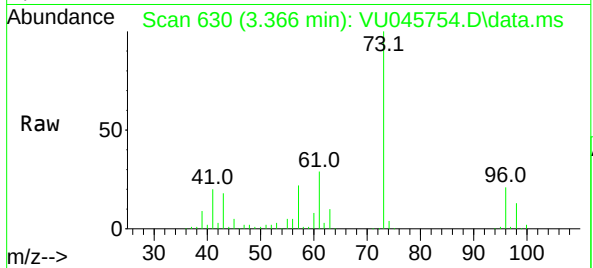
57 22.3 18.1 27.1

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 47.655 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Tgt Ion: 84 Resp: 67937

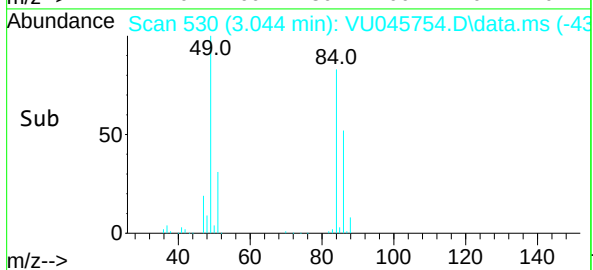
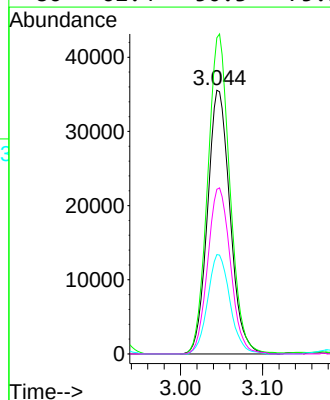
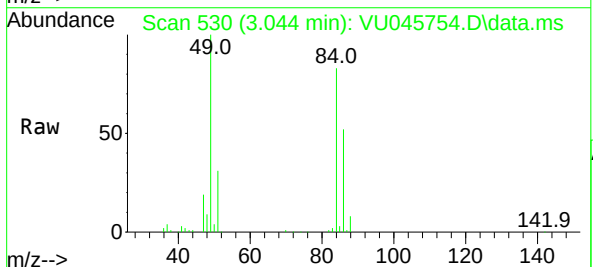
Ion Ratio Lower Upper

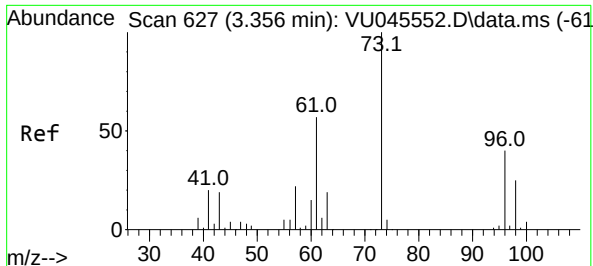
84 100

49 119.9 96.4 144.6

51 37.7 30.5 45.7

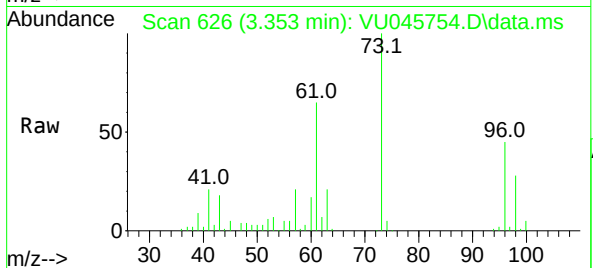
86 62.4 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 48.322 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

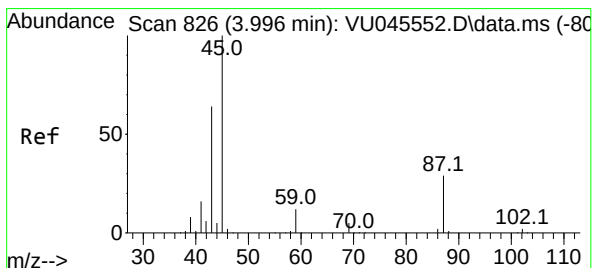
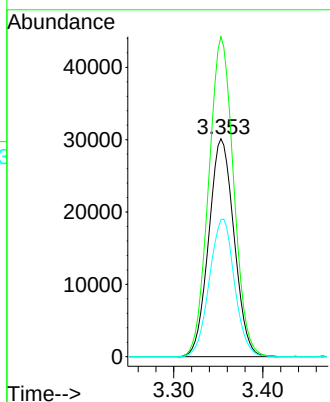
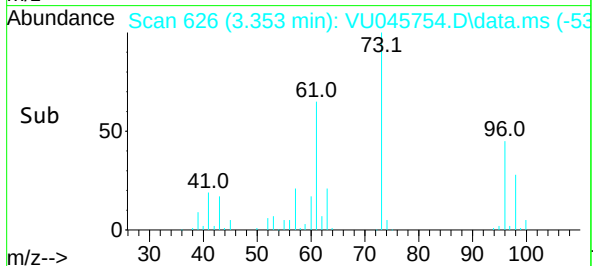
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5952
Ion Ratio Lower Upper
96 100
61 146.8 118.2 177.4
98 62.9 52.1 78.1

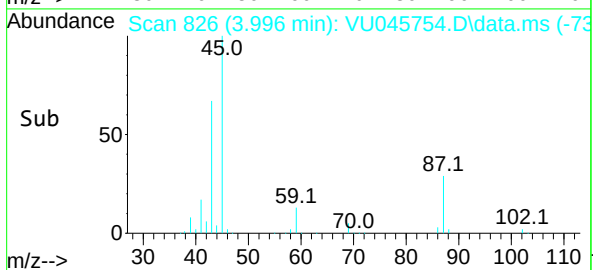
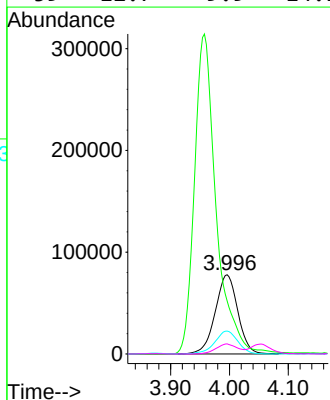
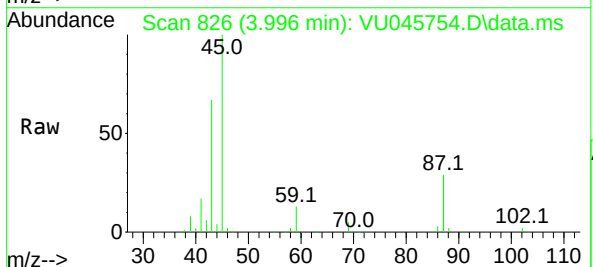
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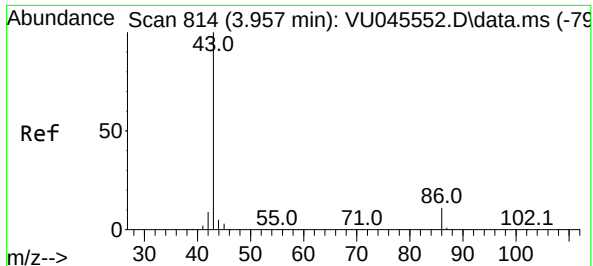
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
Diisopropyl ether
Concen: 50.013 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

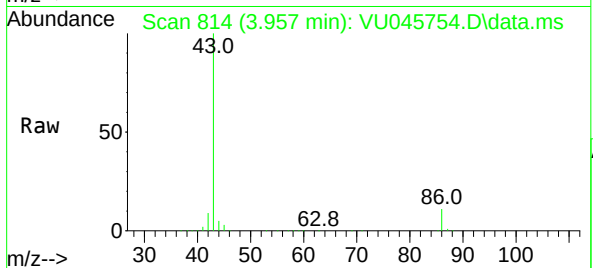
Tgt Ion: 45 Resp: 207607
Ion Ratio Lower Upper
45 100
43 64.6 60.0 90.0
87 28.9 22.3 33.5
59 12.7 9.9 14.9





#23
 Vinyl Acetate
 Concen: 252.266 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045754.D
 Acq: 11 Nov 2021 21:14

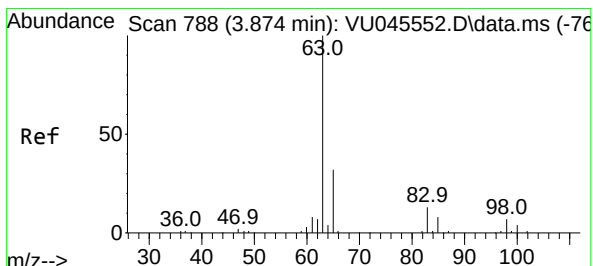
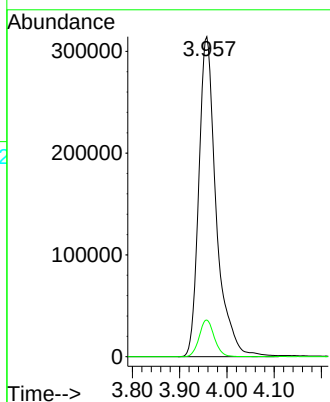
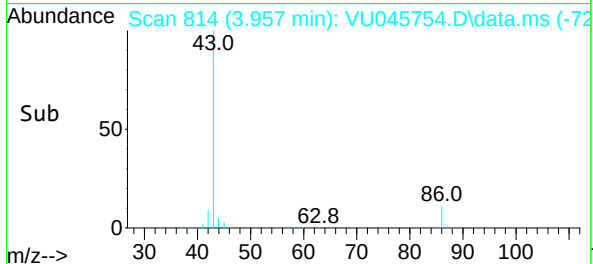
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



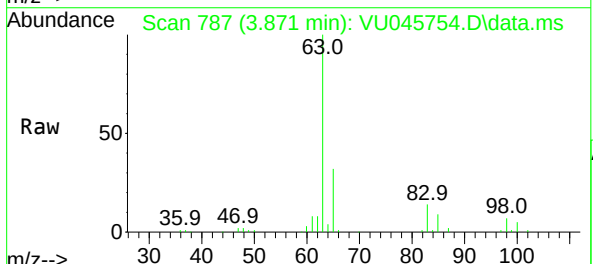
Tgt Ion: 43 Resp: 805399
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.9 13.3

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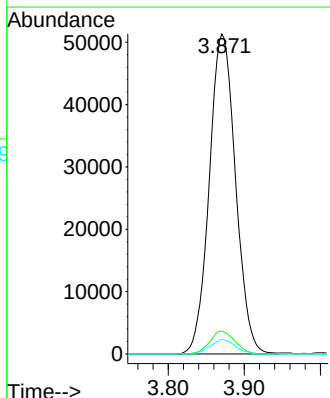
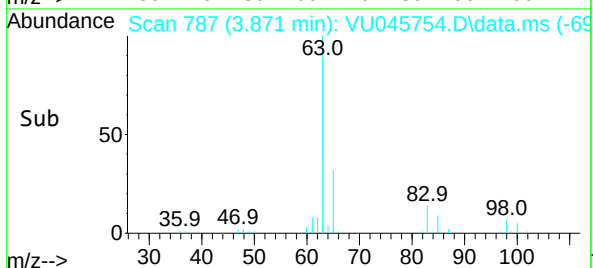
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

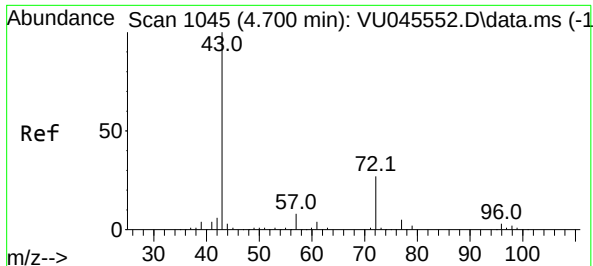


#24
 1,1-Dichloroethane
 Concen: 49.691 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045754.D
 Acq: 11 Nov 2021 21:14



Tgt Ion: 63 Resp: 122918
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 246.732 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 280762

Ion Ratio Lower Upper

43 100

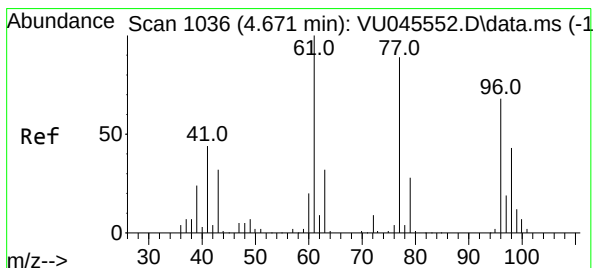
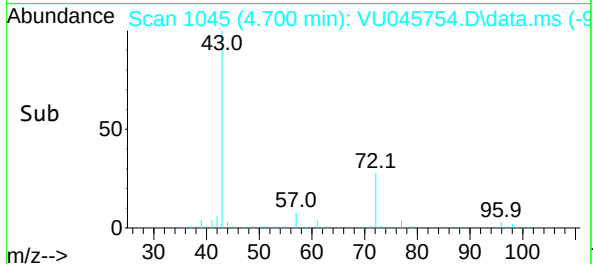
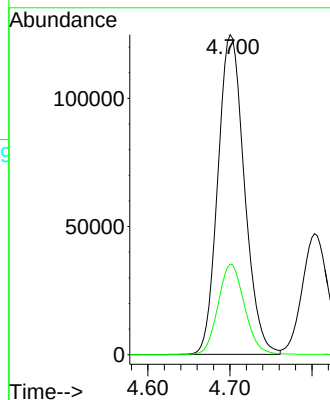
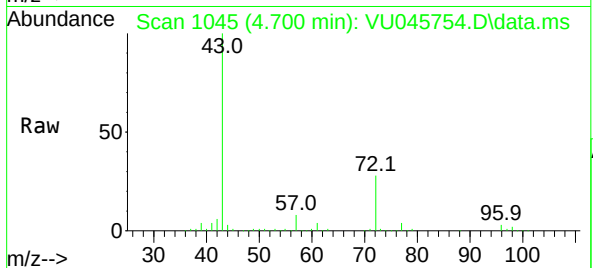
72 28.3 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 42.247 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045754.D

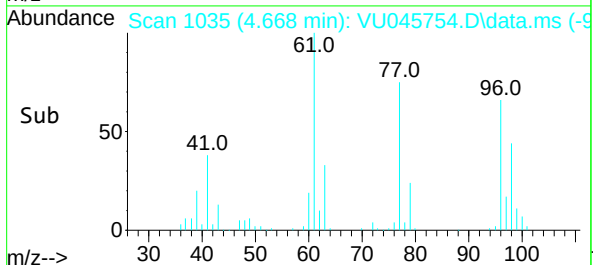
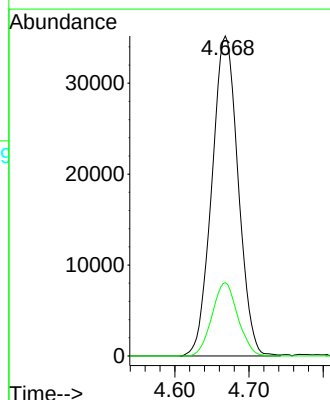
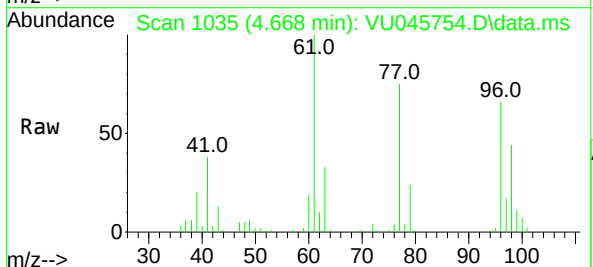
Acq: 11 Nov 2021 21:14

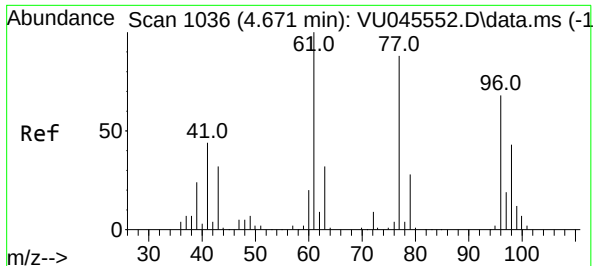
Tgt Ion: 77 Resp: 86598

Ion Ratio Lower Upper

77 100

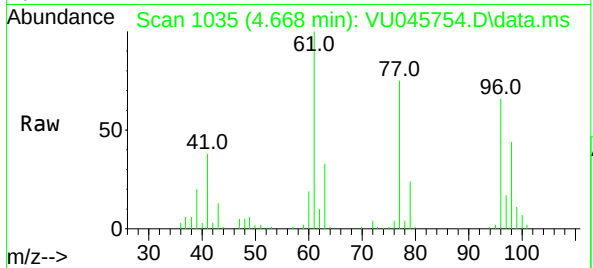
97 22.4 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 48.897 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045754.D
 Acq: 11 Nov 2021 21:14

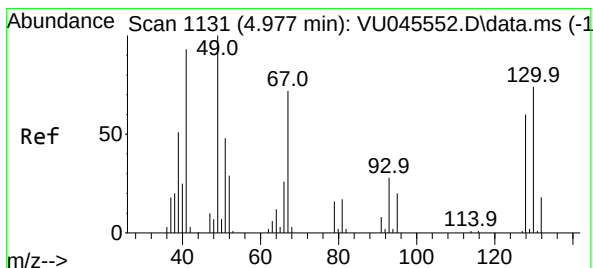
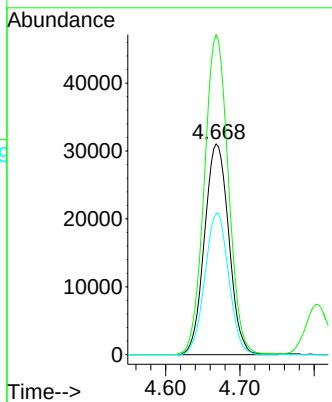
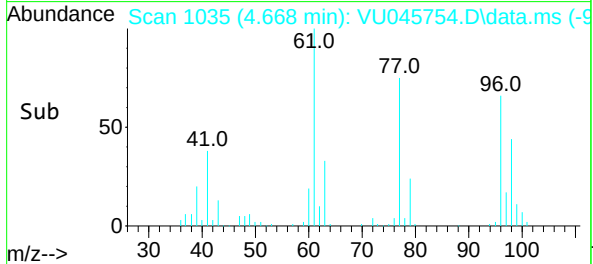
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 7074
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 299.2
 98 65.7 0.0 127.6

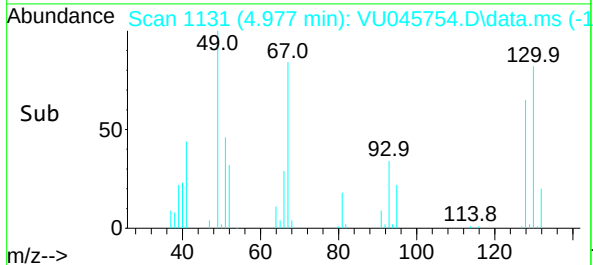
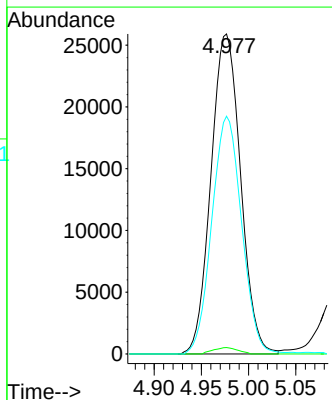
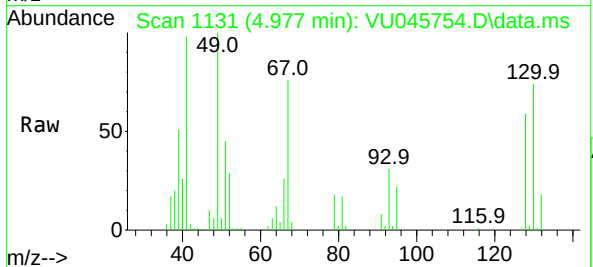
Manual Integrations
 APPROVED

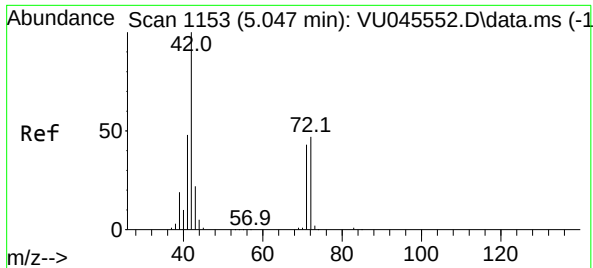
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#28
 Bromochloromethane
 Concen: 47.982 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045754.D
 Acq: 11 Nov 2021 21:14

Tgt Ion: 49 Resp: 56585
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 74.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 253.801 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 176658

Ion Ratio Lower Upper

42 100

72 49.3 38.2 57.4

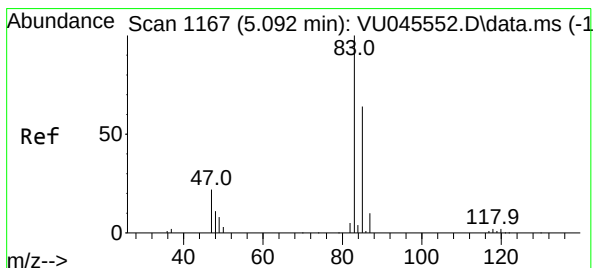
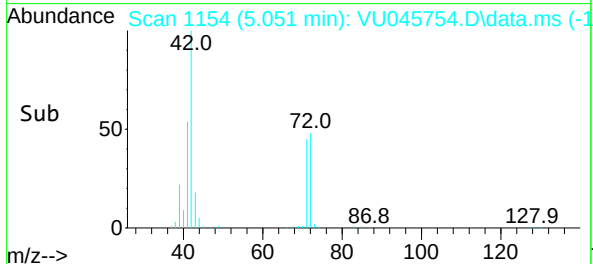
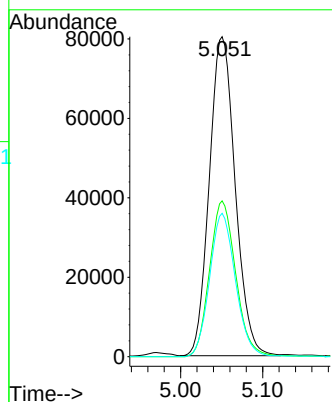
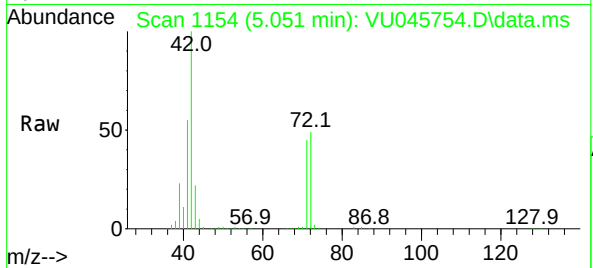
71 44.8 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 50.911 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045754.D

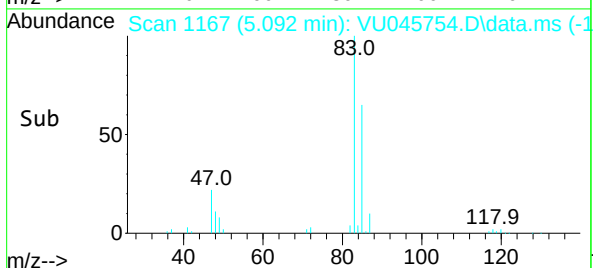
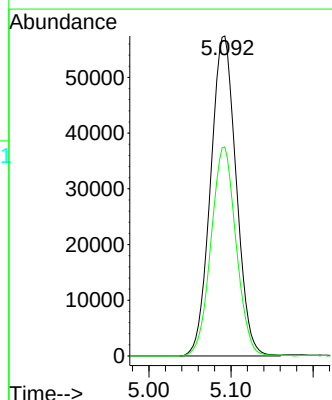
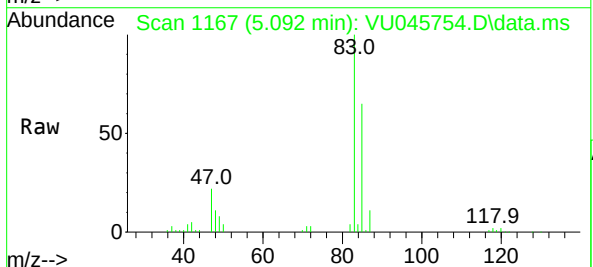
Acq: 11 Nov 2021 21:14

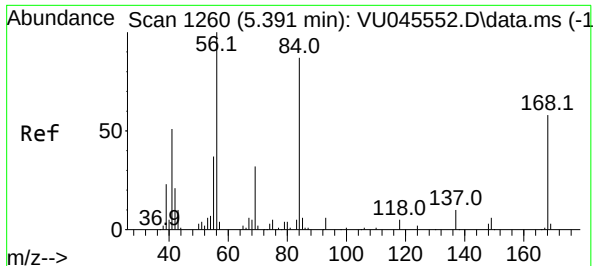
Tgt Ion: 83 Resp: 124551

Ion Ratio Lower Upper

83 100

85 65.3 52.0 78.0





#31

Cyclohexane

Concen: 43.204 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045754.D

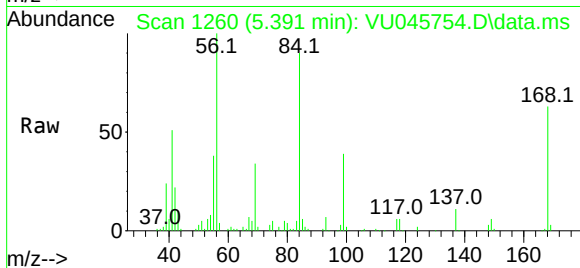
Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 101602

Ion Ratio Lower Upper

56 100

69 33.7 26.4 39.6

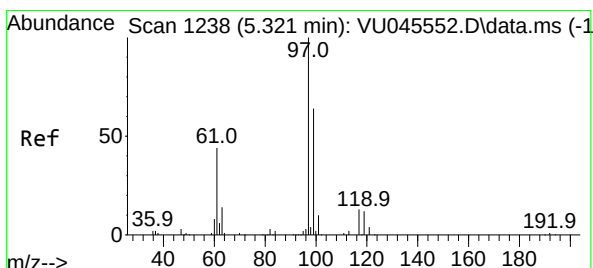
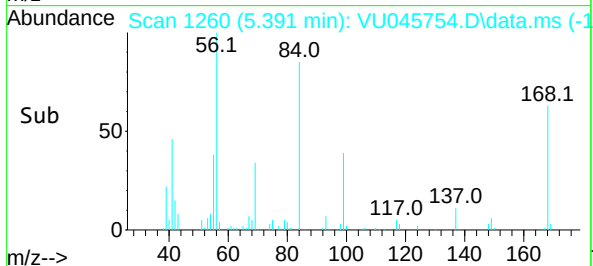
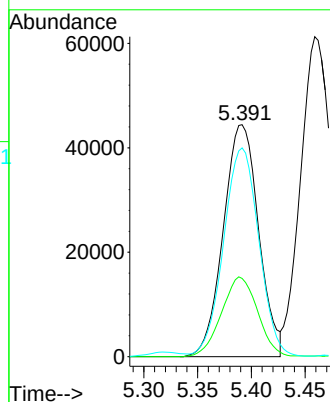
84 88.7 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 50.433 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

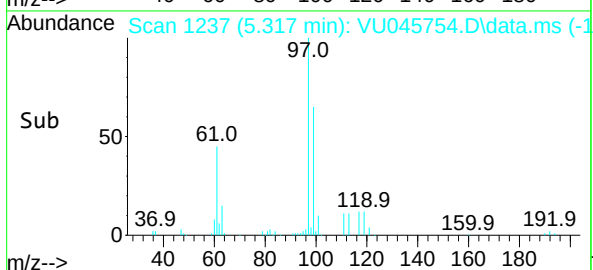
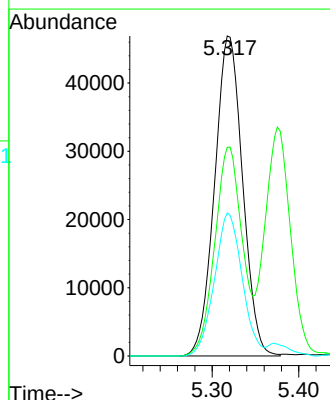
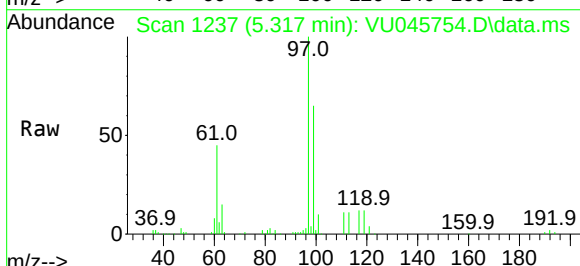
Tgt Ion: 97 Resp: 105216

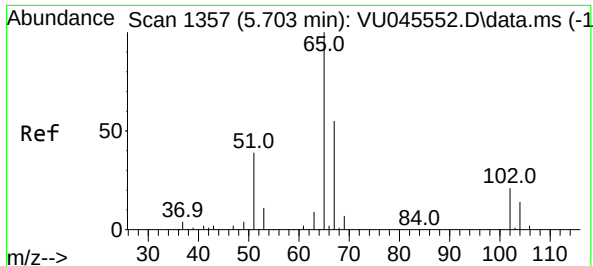
Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 44.3 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 45.931 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7402

Ion Ratio Lower Upper

65 100

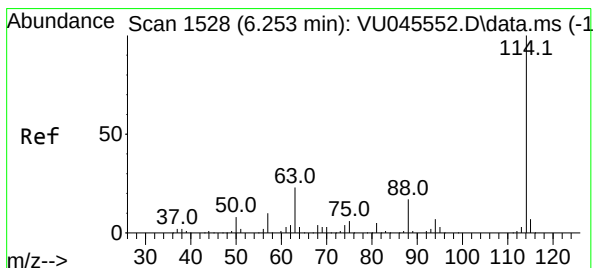
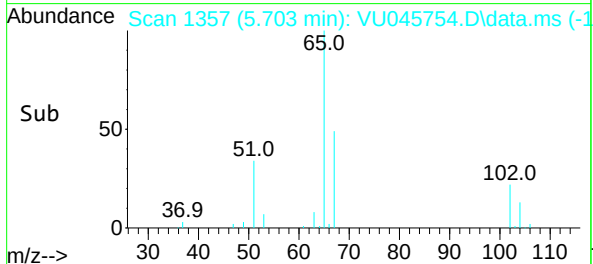
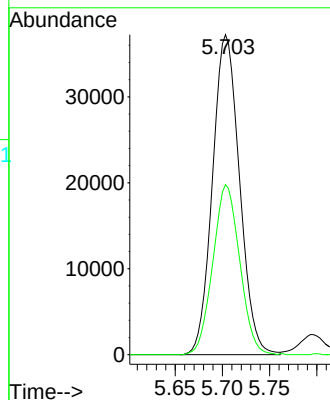
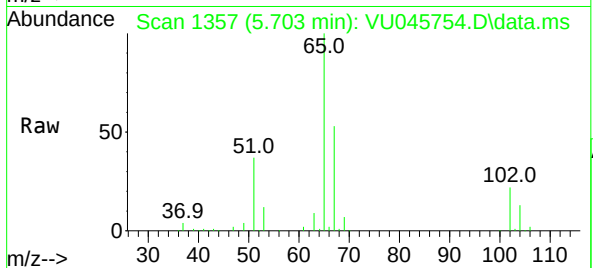
67 52.8 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

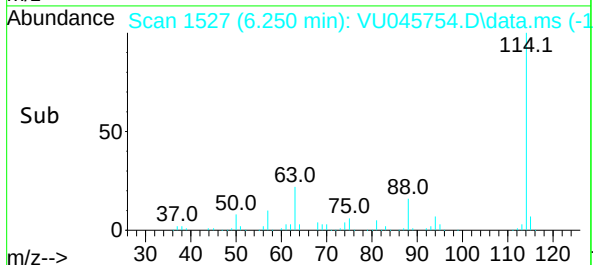
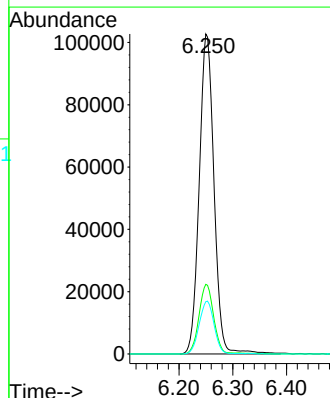
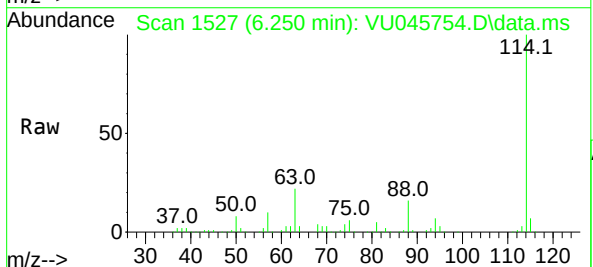
Tgt Ion:114 Resp: 195896

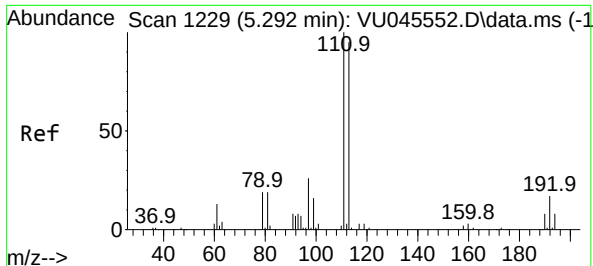
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.6

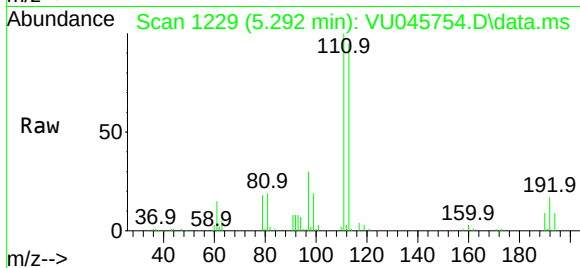
88 16.4 0.0 33.8





#35
Dibromofluoromethane
Concen: 43.998 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

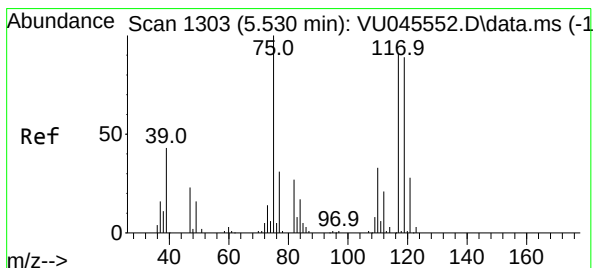
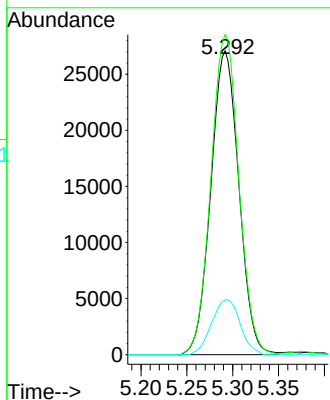
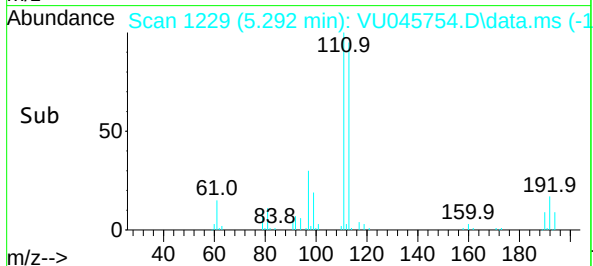
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 5754
Ion Ratio Lower Upper
113 100
111 105.2 82.8 124.2
192 18.5 14.8 22.2

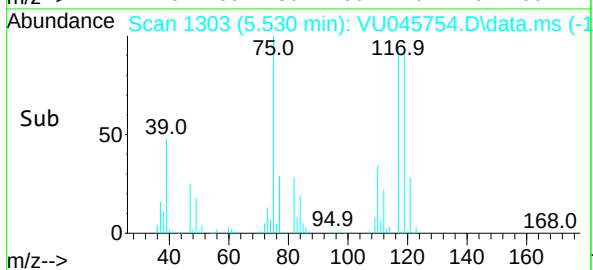
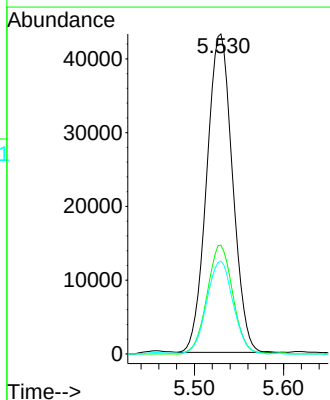
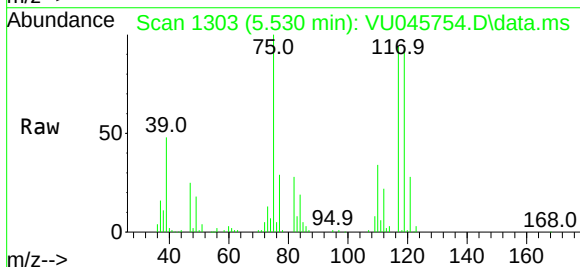
Manual Integrations
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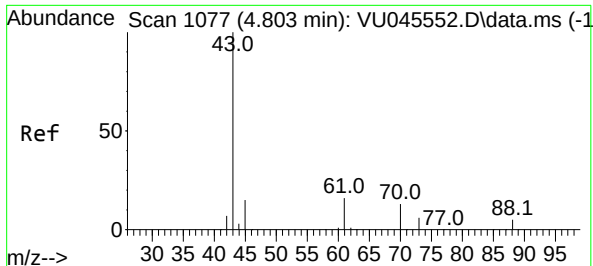
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36
1,1-Dichloropropene
Concen: 45.516 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

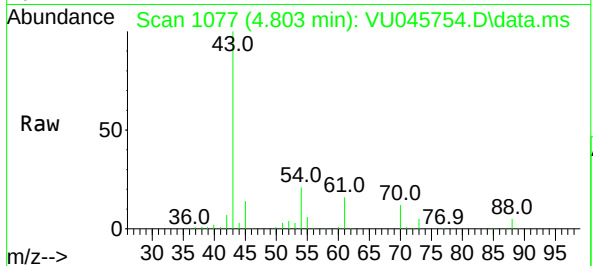
Tgt Ion: 75 Resp: 86941
Ion Ratio Lower Upper
75 100
110 34.1 16.7 50.0
77 29.9 25.0 37.4





#37
Ethyl Acetate
Concen: 48.156 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

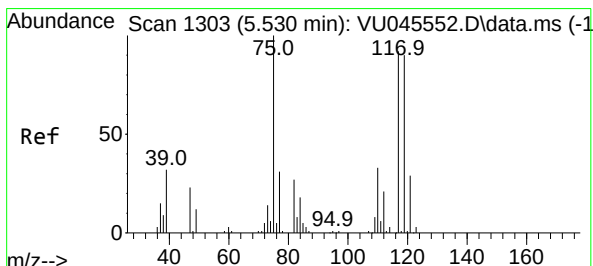
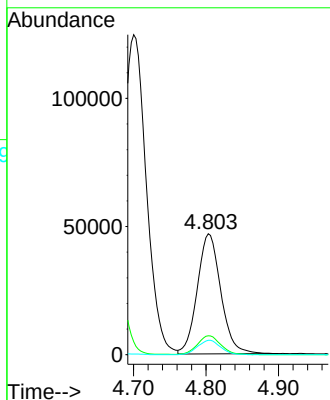
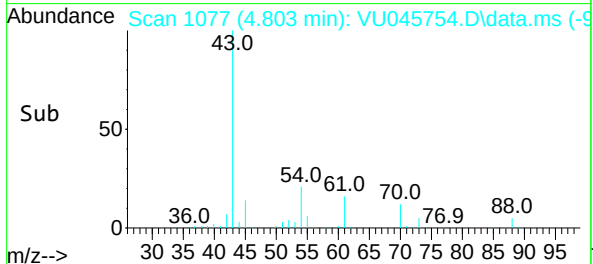
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 105664
Ion Ratio Lower Upper
43 100
61 15.7 11.6 17.4
70 11.6 9.1 13.7

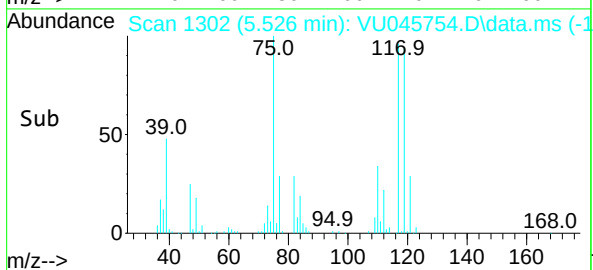
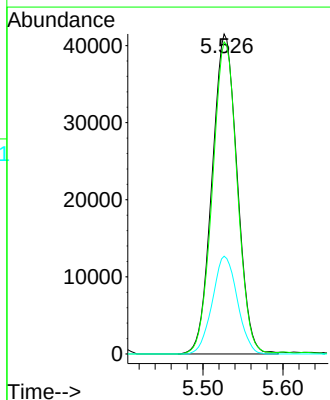
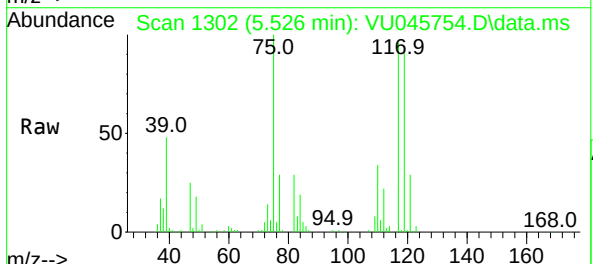
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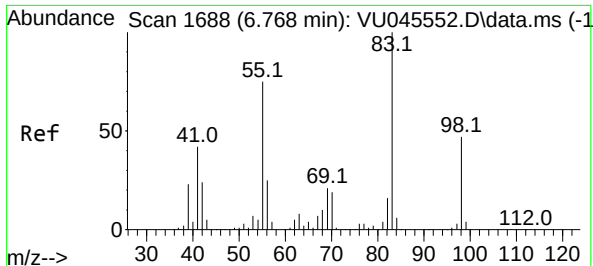
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 46.980 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

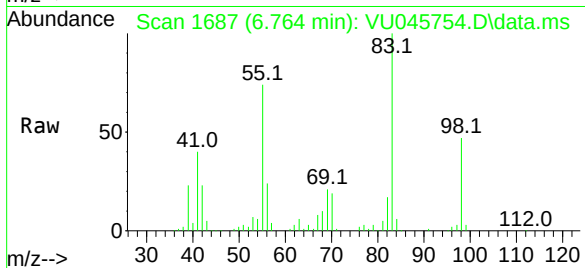
Tgt Ion:117 Resp: 90470
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.0
121 30.6 24.8 37.2





#39
Methylcyclohexane
Concen: 43.587 ug/l
RT: 6.764 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

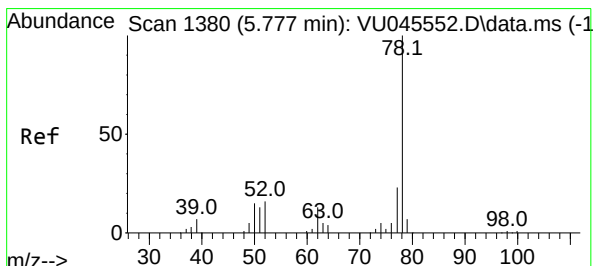
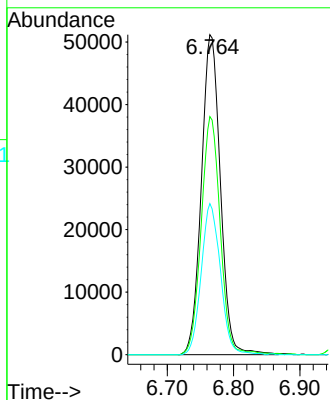
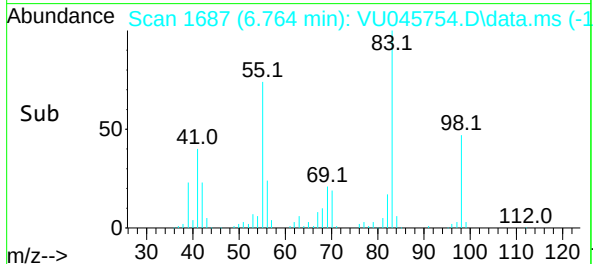
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 102140
Ion Ratio Lower Upper
83 100
55 74.4 63.6 95.4
98 47.2 37.1 55.7

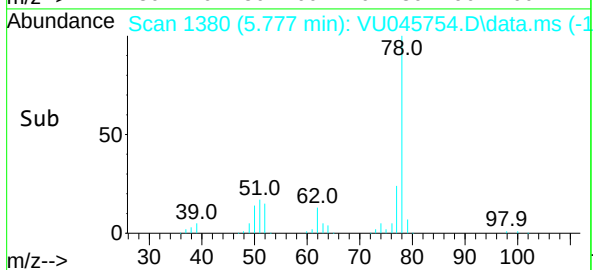
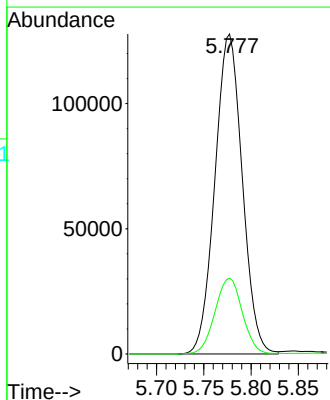
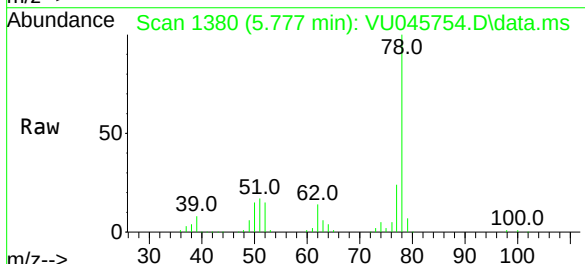
Manual Integrations
APPROVED

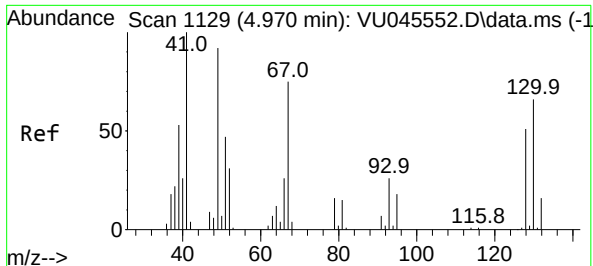
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40
Benzene
Concen: 45.421 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

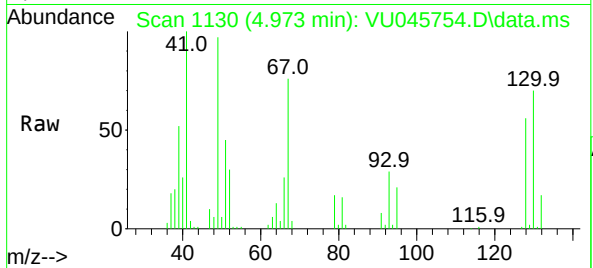
Tgt Ion: 78 Resp: 256865
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 49.494 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

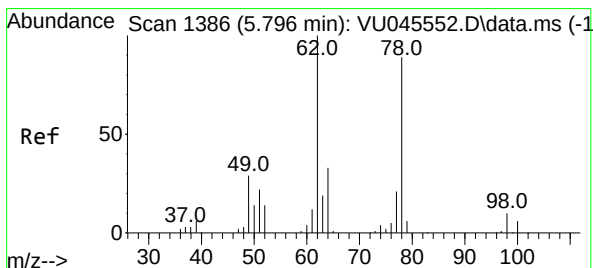
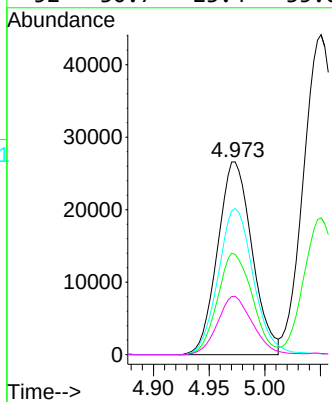
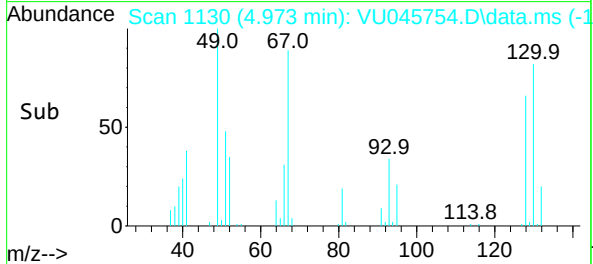
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5739
Ion Ratio Lower Upper
41 100
39 53.0 43.4 65.0
67 77.6 61.0 91.4
52 30.7 23.4 35.0

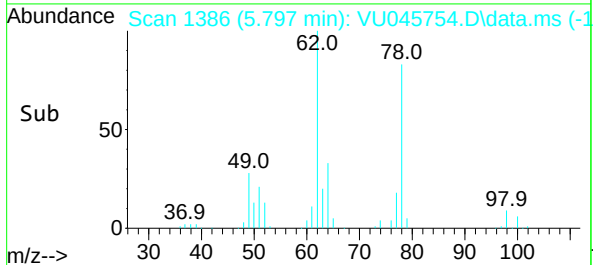
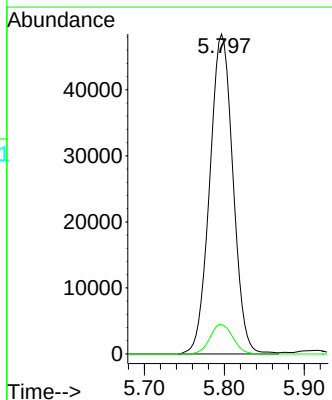
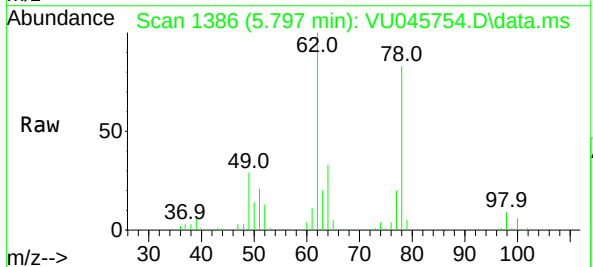
Manual Integrations
APPROVED

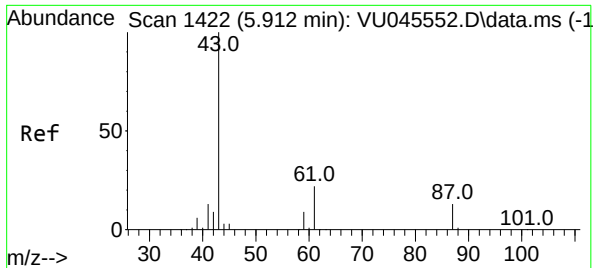
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 47.932 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

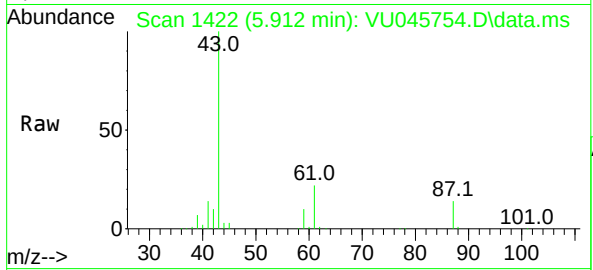
Tgt Ion: 62 Resp: 97912
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4





#43
Isopropyl Acetate
Concen: 47.478 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

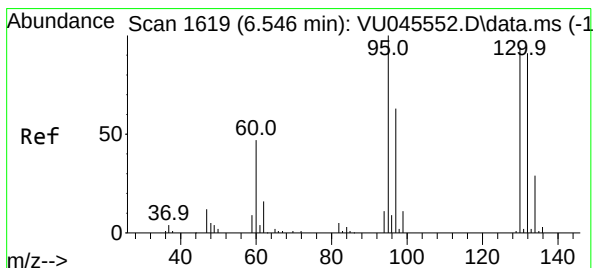
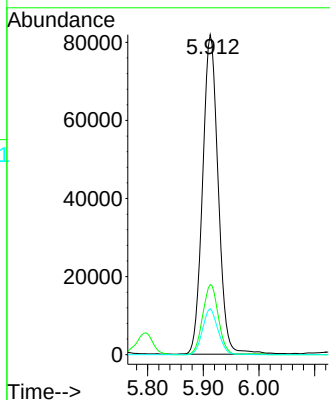
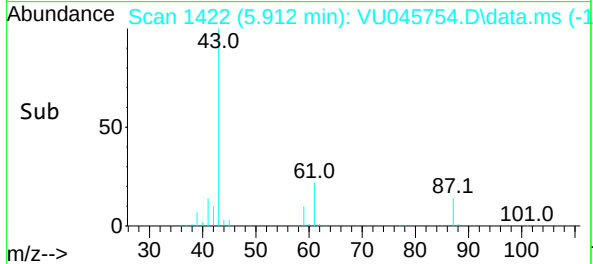
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



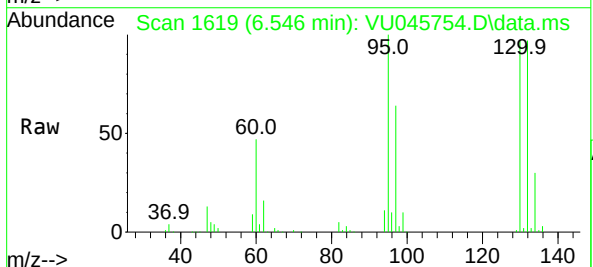
Tgt Ion: 43 Resp: 159340
Ion Ratio Lower Upper
43 100
61 21.9 16.9 25.3
87 14.1 11.0 16.4

Manual Integrations
APPROVED

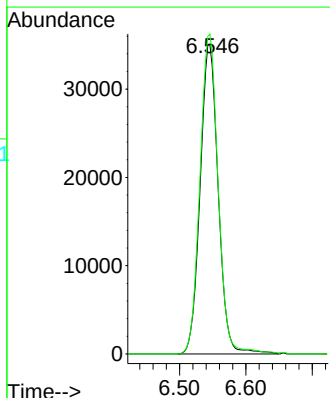
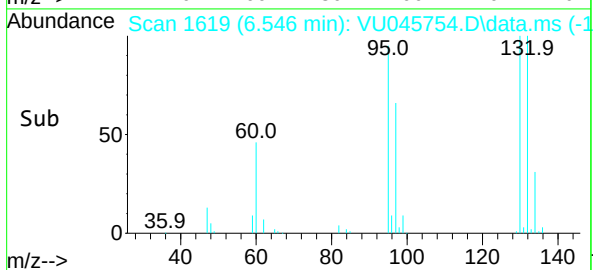
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

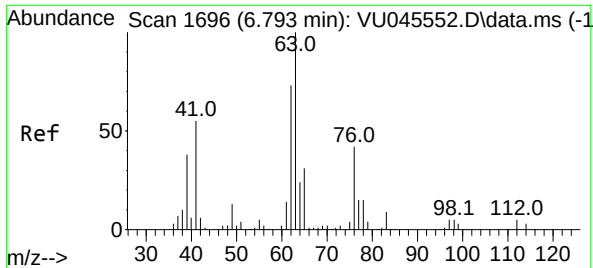


#44
Trichloroethene
Concen: 49.048 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14



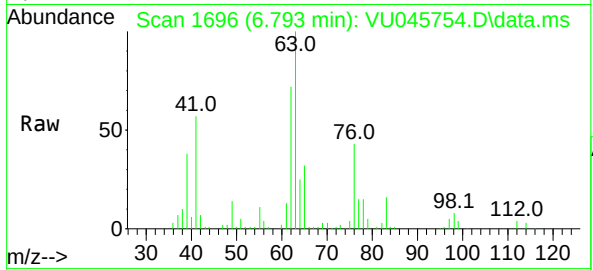
Tgt Ion:130 Resp: 66395
Ion Ratio Lower Upper
130 100
95 103.4 0.0 211.4





#45
1,2-Dichloropropane
Concen: 48.404 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

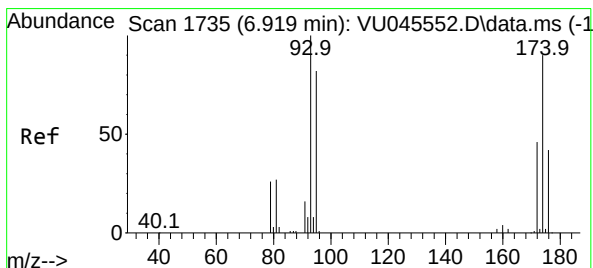
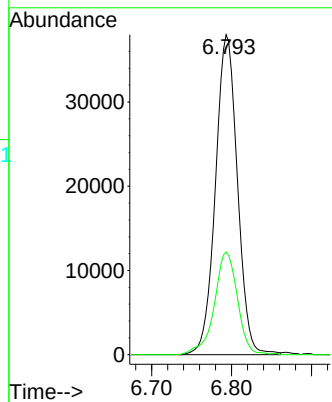
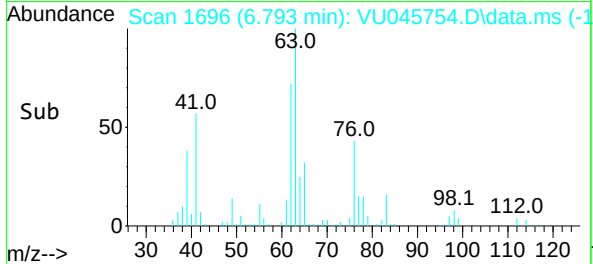
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



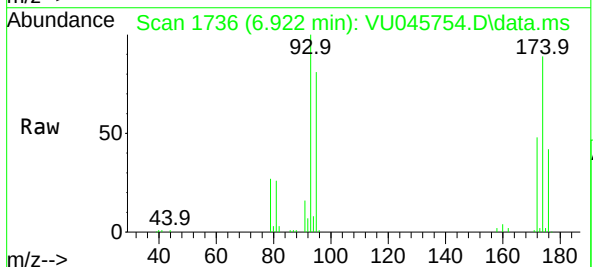
Tgt Ion: 63 Resp: 72430
Ion Ratio Lower Upper
63 100
65 32.0 25.7 38.5

Manual Integrations
APPROVED

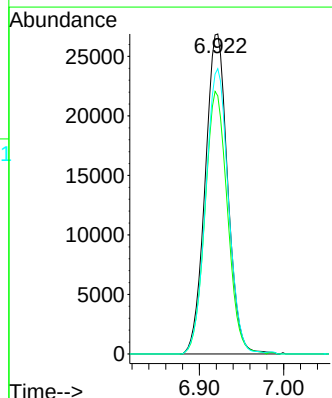
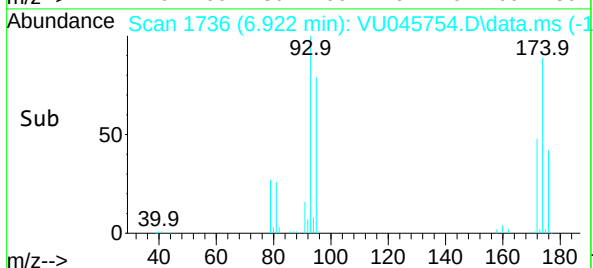
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

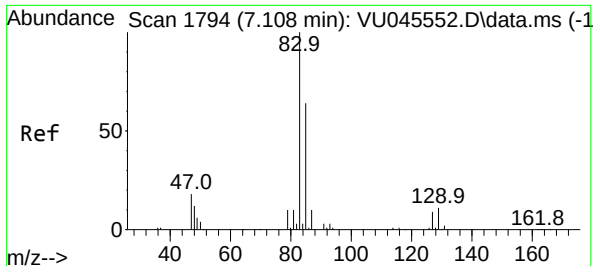


#46
Dibromomethane
Concen: 48.232 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14



Tgt Ion: 93 Resp: 50008
Ion Ratio Lower Upper
93 100
95 81.6 66.2 99.2
174 89.9 71.0 106.6





#47

Bromodichloromethane

Concen: 50.455 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

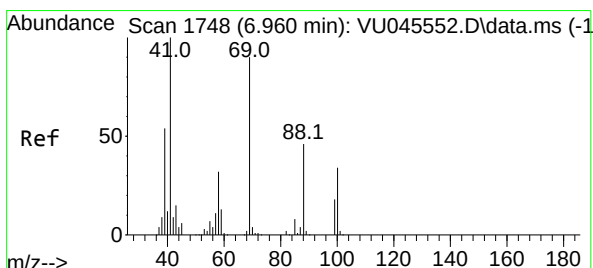
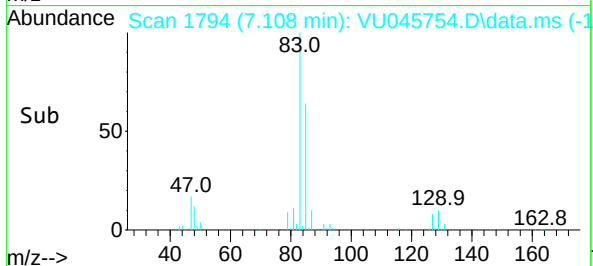
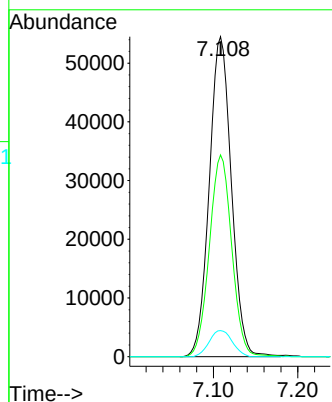
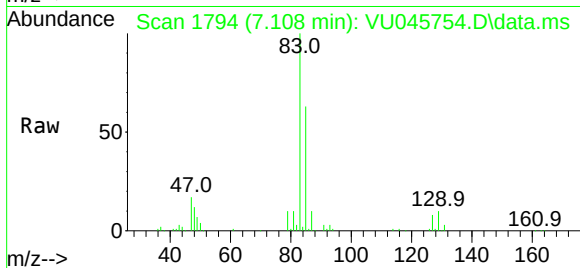
Tgt Ion:	83	Resp:	9925
Ion Ratio	Lower	Upper	
83	100		
85	63.0	49.8	74.6
127	8.1	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#48

Methyl methacrylate

Concen: 48.876 ug/l

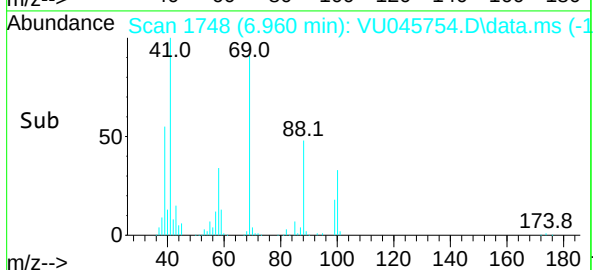
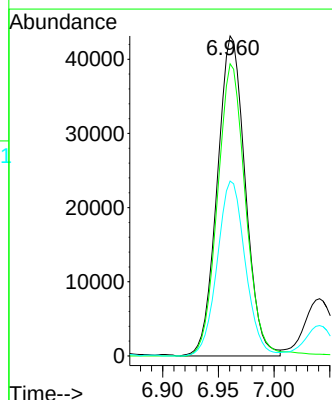
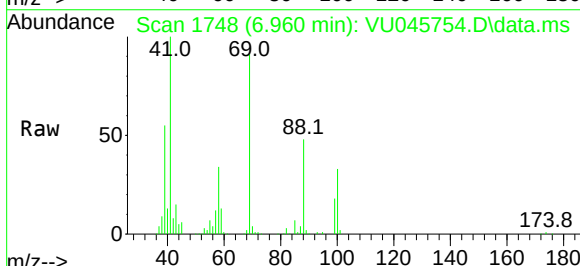
RT: 6.960 min Scan# 1748

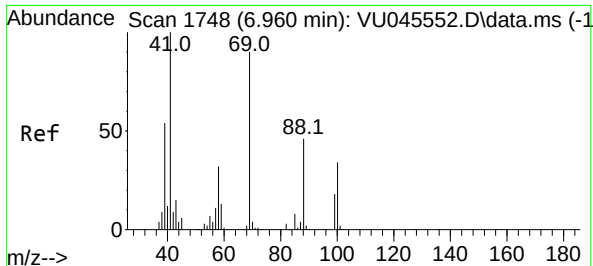
Delta R.T. 0.000 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Tgt Ion:	41	Resp:	75499
Ion Ratio	Lower	Upper	
41	100		
69	92.0	70.2	105.2
39	54.7	43.9	65.9





#49

1,4-Dioxane

Concen: 1009.117 ug/l

RT: 6.964 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4008

Ion Ratio Lower Upper

88 100

43 30.6 0.0 0.0

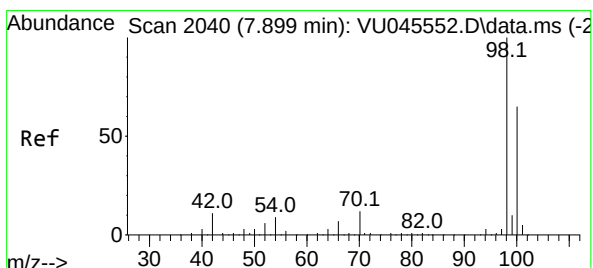
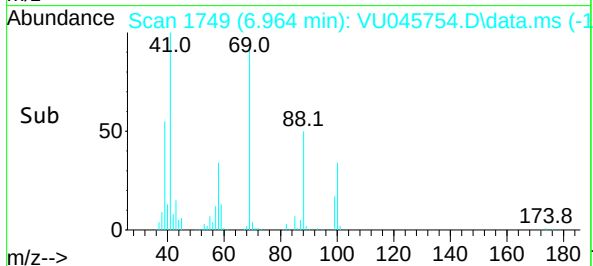
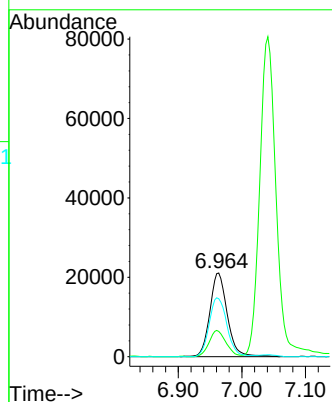
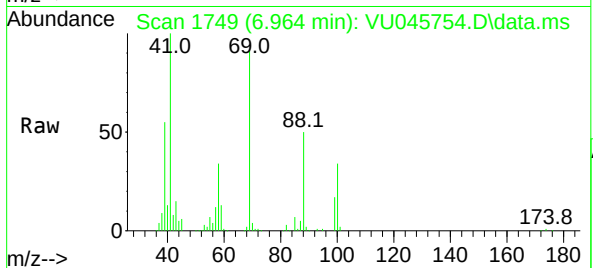
58 71.6 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

Toluene-d8

Concen: 44.659 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045754.D

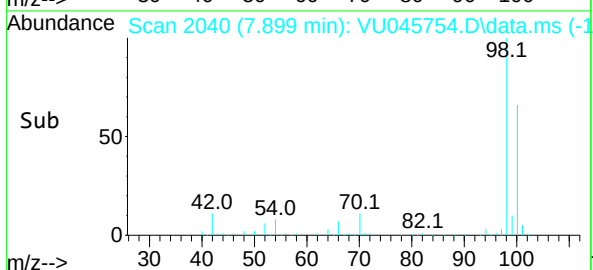
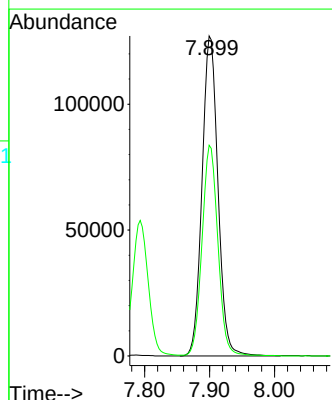
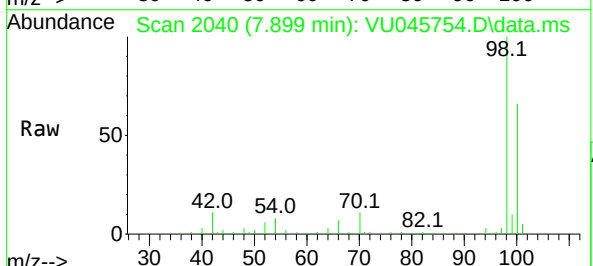
Acq: 11 Nov 2021 21:14

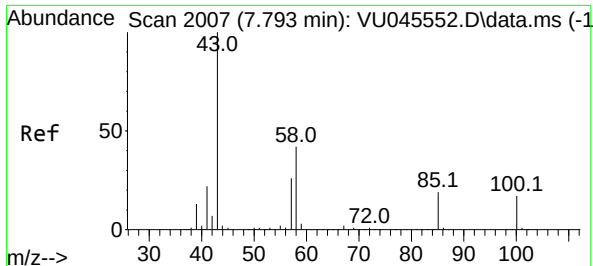
Tgt Ion: 98 Resp: 217195

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 246.741 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 54625

Ion Ratio Lower Upper

43 100

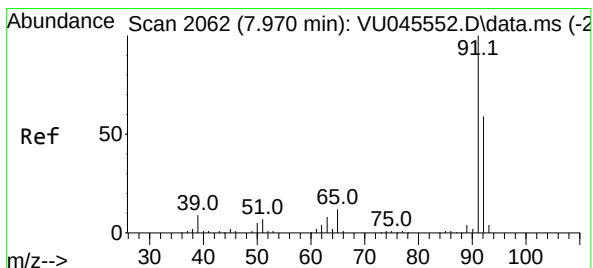
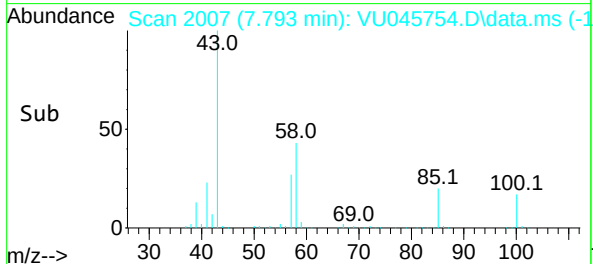
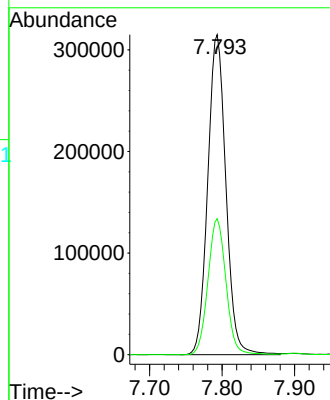
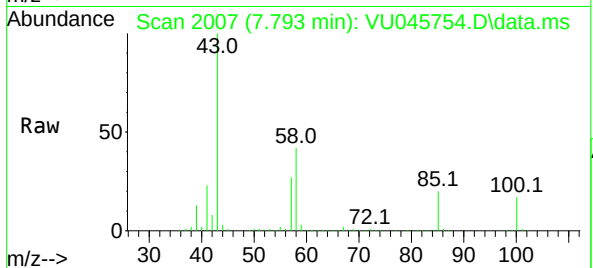
58 42.2 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#52

Toluene

Concen: 47.820 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045754.D

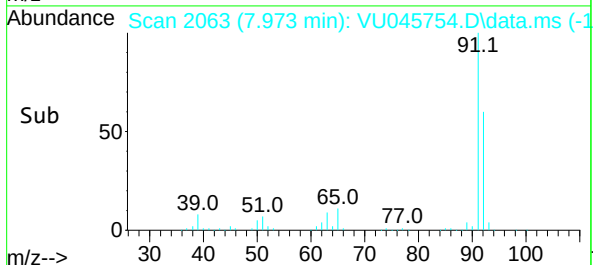
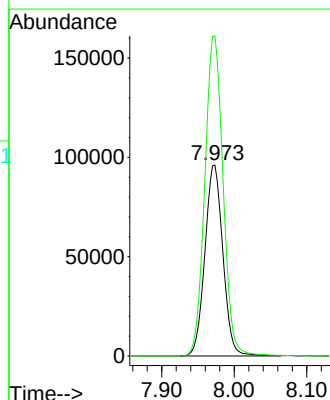
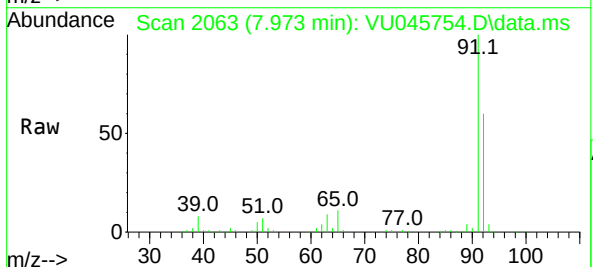
Acq: 11 Nov 2021 21:14

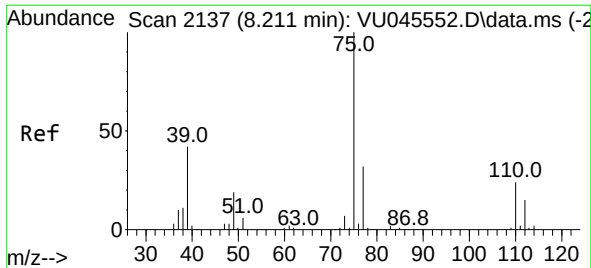
Tgt Ion: 92 Resp: 165565

Ion Ratio Lower Upper

92 100

91 170.5 135.6 203.4





#53
 t-1,3-Dichloropropene
 Concen: 46.202 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU045754.D
 Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

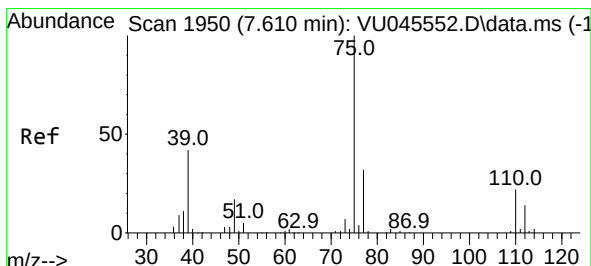
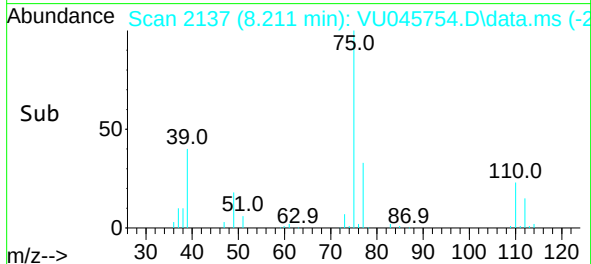
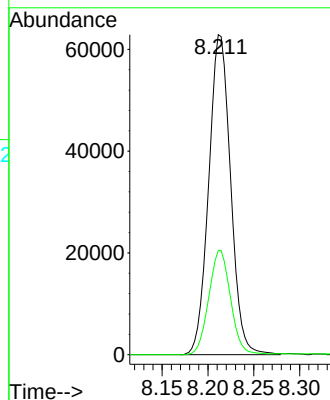
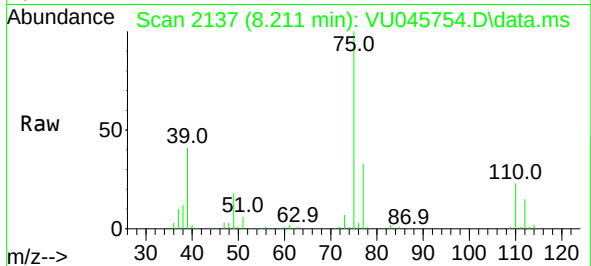
VSTDCCC050EC

Tgt Ion: 75 Resp: 104460
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.8 38.8

Manual Integrations

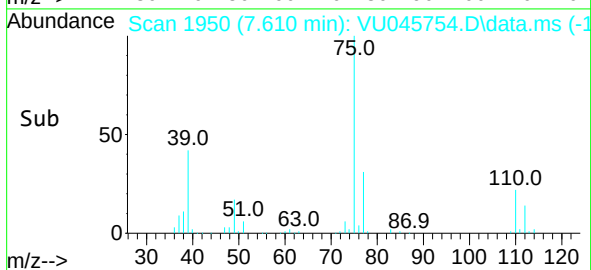
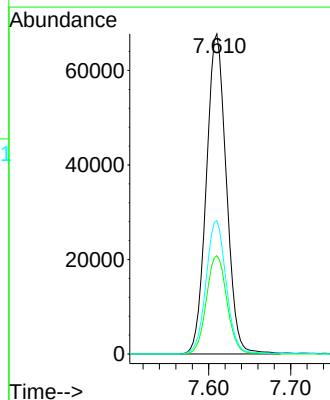
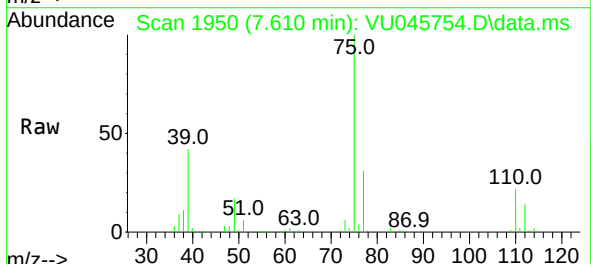
APPROVED

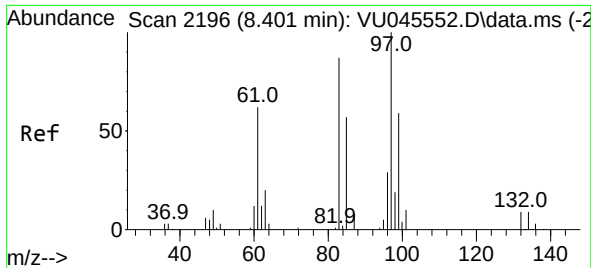
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#54
 cis-1,3-Dichloropropene
 Concen: 47.845 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045754.D
 Acq: 11 Nov 2021 21:14

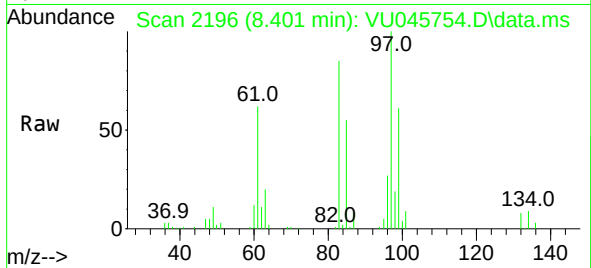
Tgt Ion: 75 Resp: 114898
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 37.0
 39 41.6 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 49.640 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

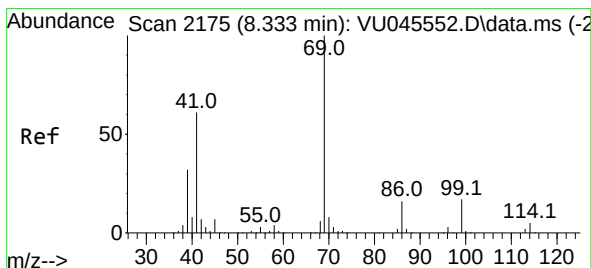
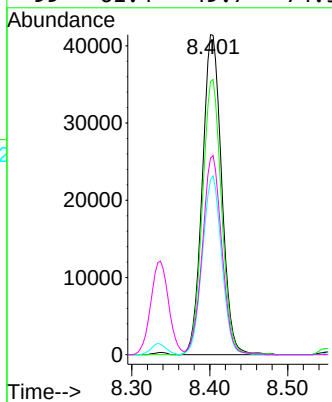
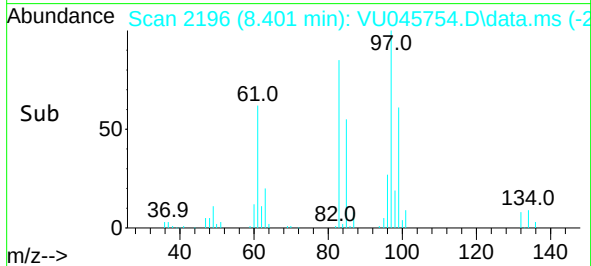
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



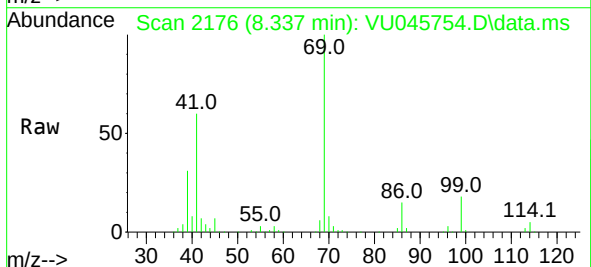
Tgt Ion: 97 Resp: 71230
Ion Ratio Lower Upper
97 100
83 85.4 70.3 105.5
85 54.6 45.5 68.3
99 61.4 49.7 74.5

Manual Integrations
APPROVED

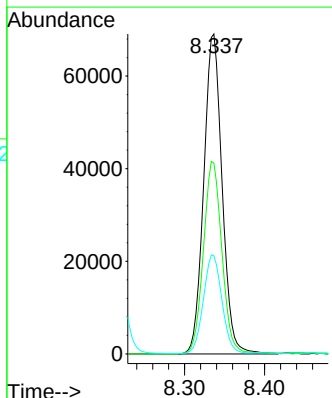
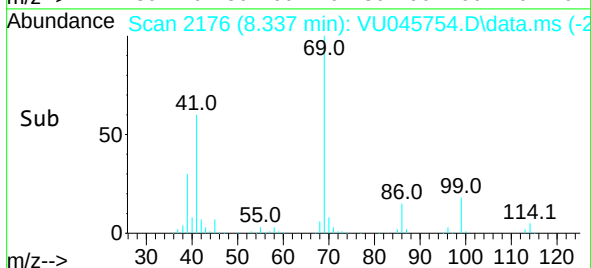
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

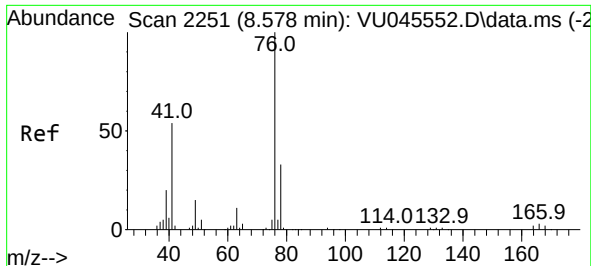


#56
Ethyl methacrylate
Concen: 43.305 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14



Tgt Ion: 69 Resp: 110580
Ion Ratio Lower Upper
69 100
41 60.8 51.0 76.4
39 30.9 26.6 39.8





#57

1,3-Dichloropropane

Concen: 48.363 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 124992

Ion Ratio Lower Upper

76 100

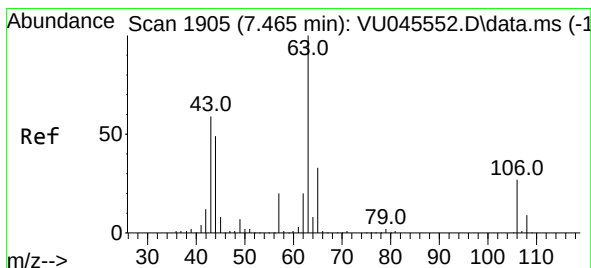
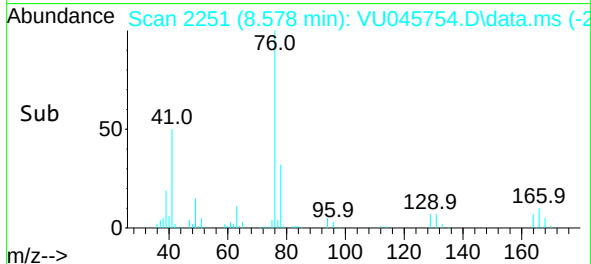
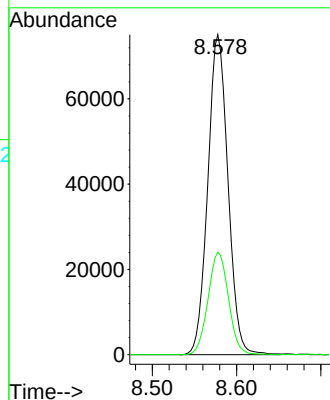
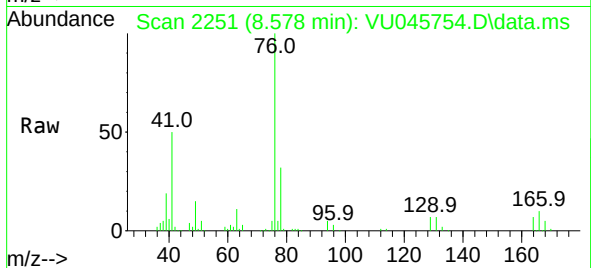
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 206.250 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045754.D

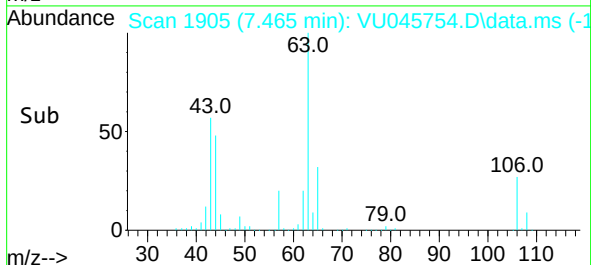
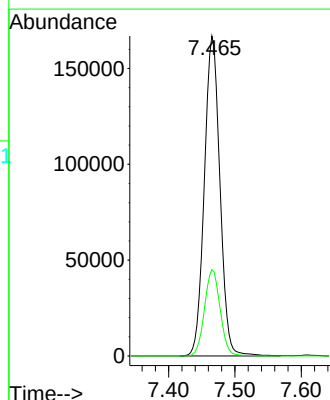
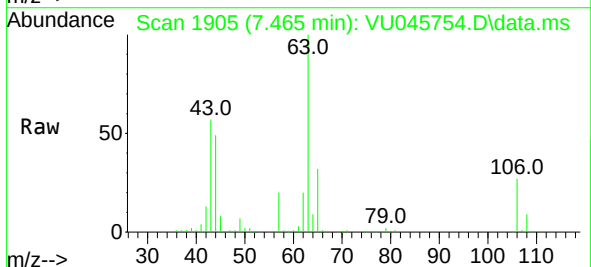
Acq: 11 Nov 2021 21:14

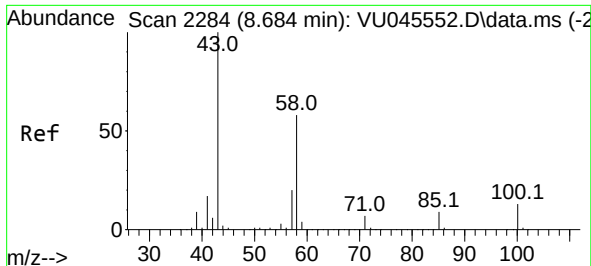
Tgt Ion: 63 Resp: 272466

Ion Ratio Lower Upper

63 100

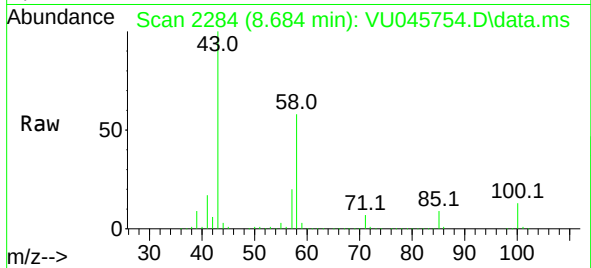
106 27.0 21.0 31.4





#59
2-Hexanone
Concen: 220.052 ug/l
RT: 8.684 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

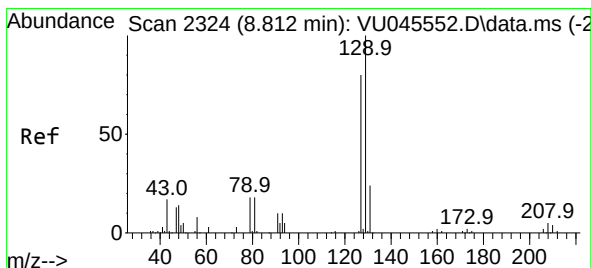
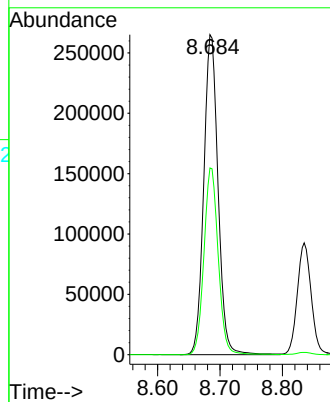
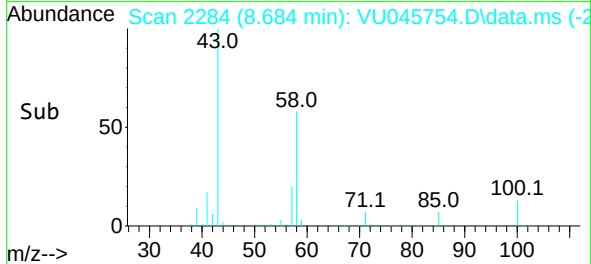
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 422109
Ion Ratio Lower Upper
43 100
58 58.2 29.5 88.6

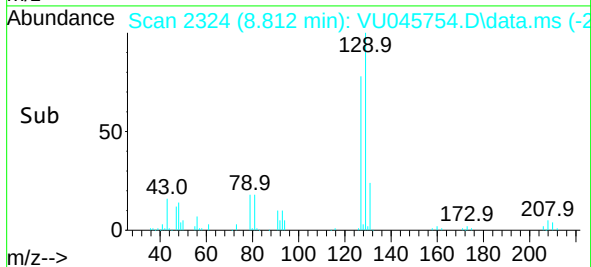
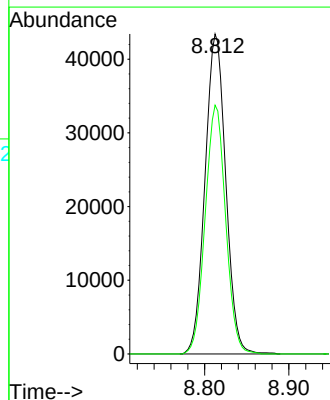
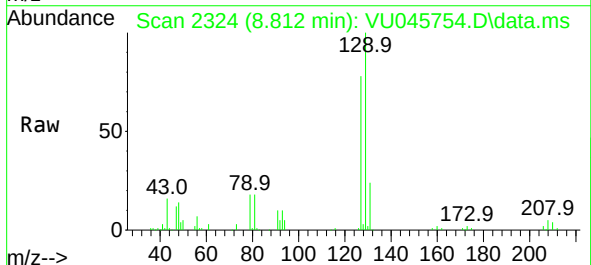
Manual Integrations
APPROVED

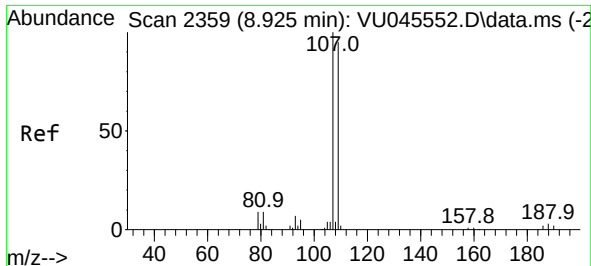
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 49.777 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

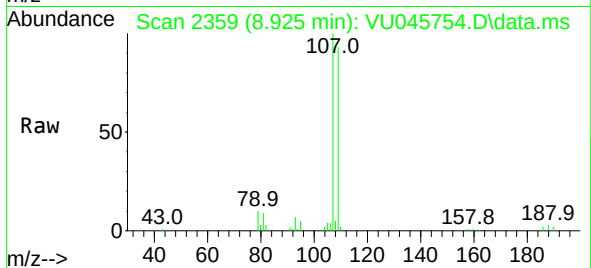
Tgt Ion:129 Resp: 74375
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61
1,2-Dibromoethane
Concen: 48.420 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

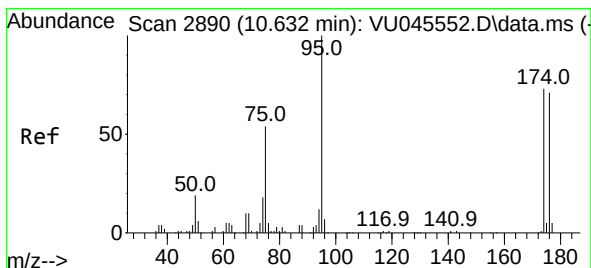
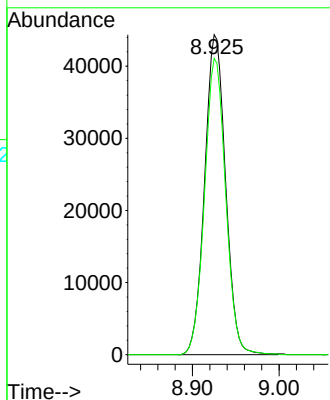
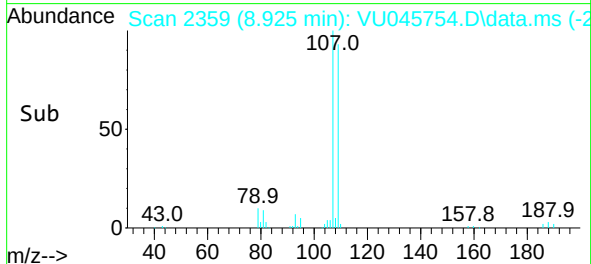
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



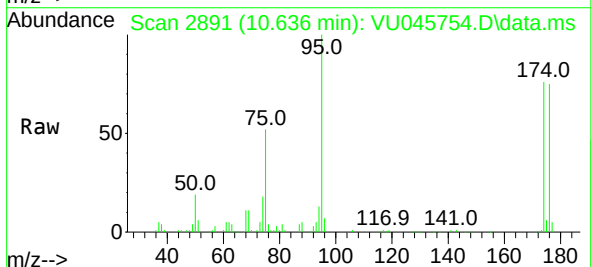
Tgt Ion:107 Resp: 74518
Ion Ratio Lower Upper
107 100
109 93.5 75.8 113.8

Manual Integrations
APPROVED

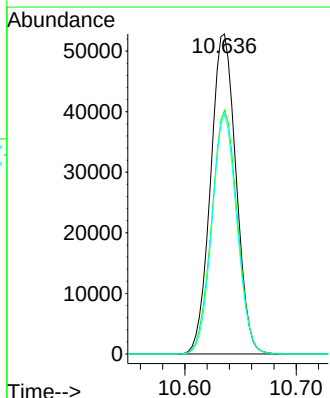
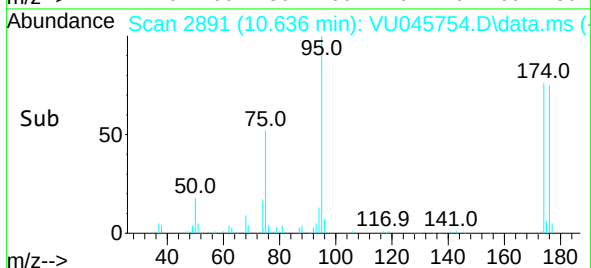
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

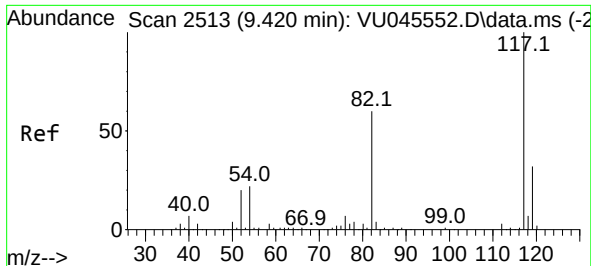


#62
4-Bromofluorobenzene
Concen: 42.977 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14



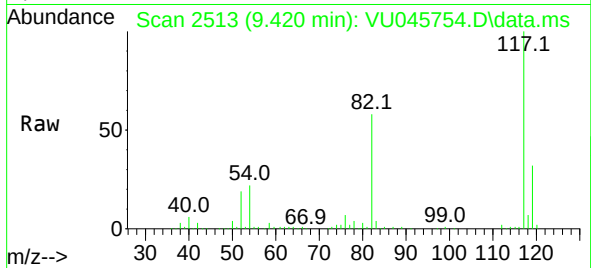
Tgt Ion: 95 Resp: 83814
Ion Ratio Lower Upper
95 100
174 76.9 0.0 141.8
176 73.4 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

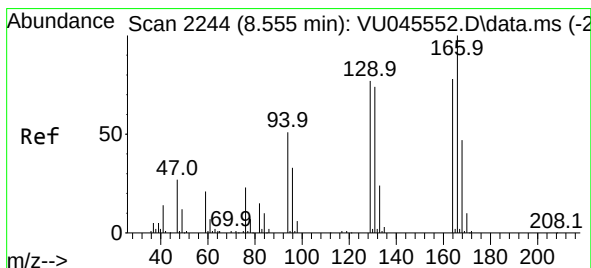
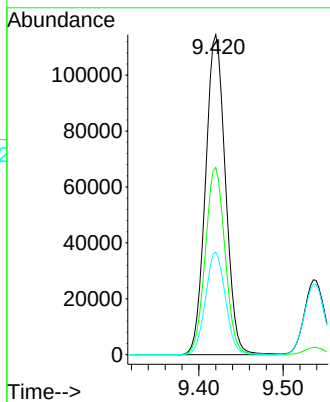
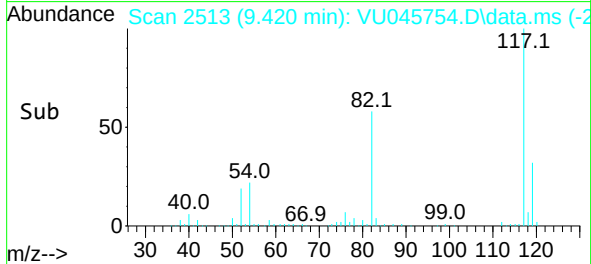
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 188340
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 32.1 25.8 38.8

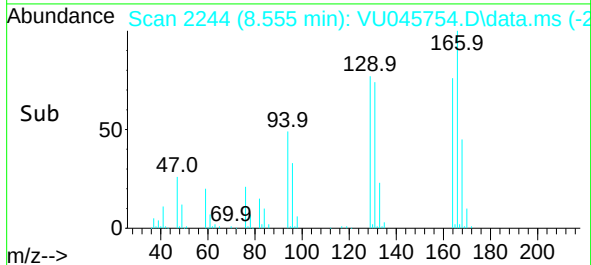
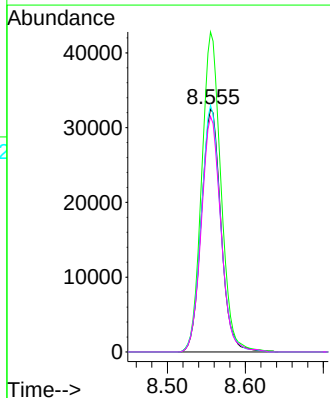
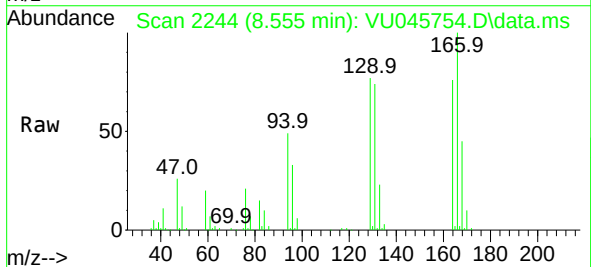
Manual Integrations
APPROVED

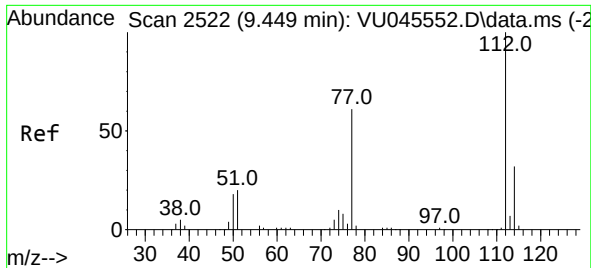
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 52.445 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Tgt Ion:164 Resp: 56692
Ion Ratio Lower Upper
164 100
166 131.7 102.2 153.4
129 101.6 78.2 117.4
131 97.0 75.1 112.7





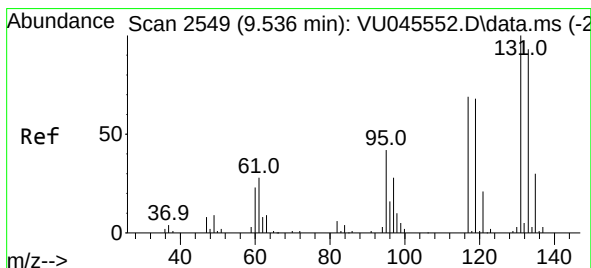
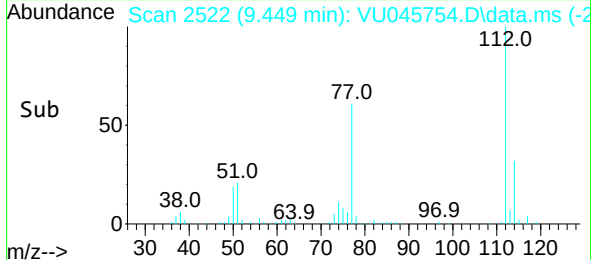
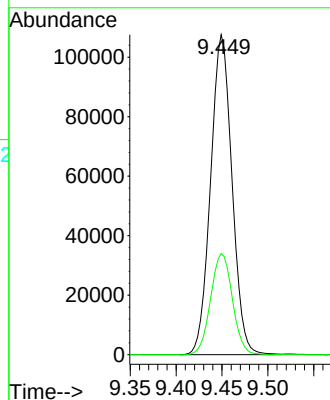
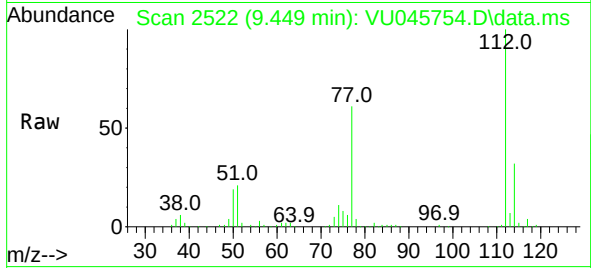
#65
Chlorobenzene
Concen: 47.138 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 17438
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

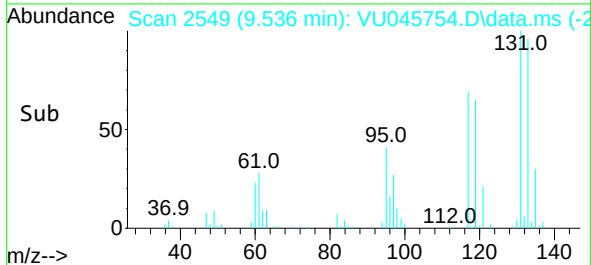
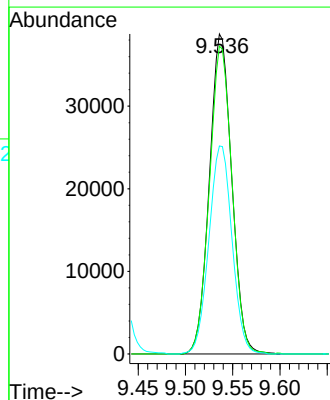
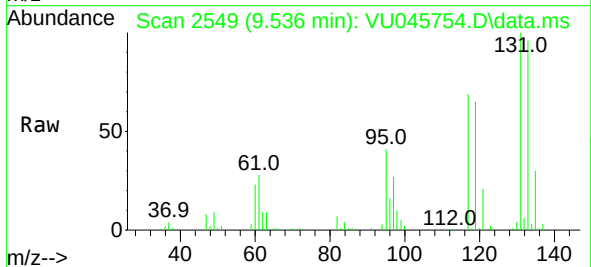
Manual Integrations
APPROVED

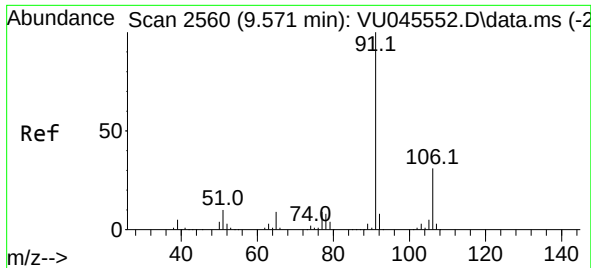
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 48.338 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Tgt Ion:131 Resp: 63778
Ion Ratio Lower Upper
131 100
133 97.2 47.9 143.6
119 67.3 34.5 103.6





#67

Ethyl Benzene

Concen: 48.097 ug/l

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 31864

Ion Ratio Lower Upper

91 100

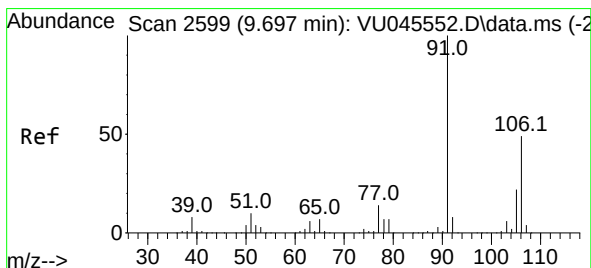
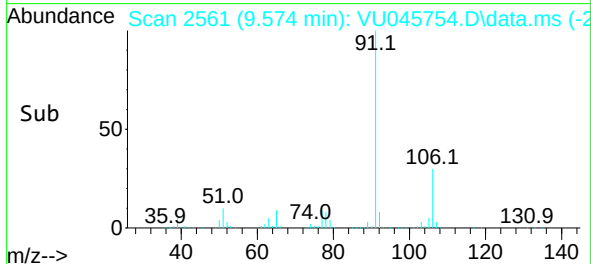
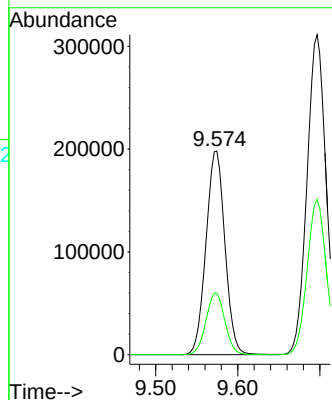
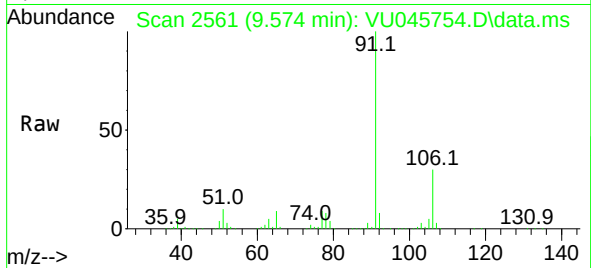
106 30.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#68

m/p-Xylenes

Concen: 98.511 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045754.D

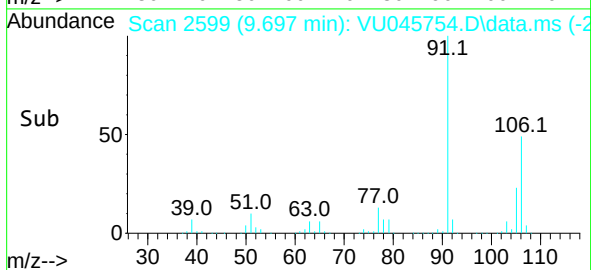
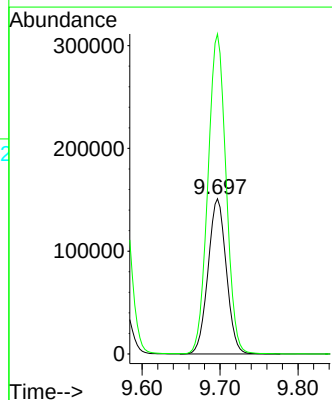
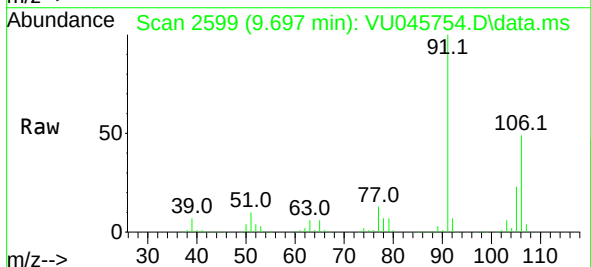
Acq: 11 Nov 2021 21:14

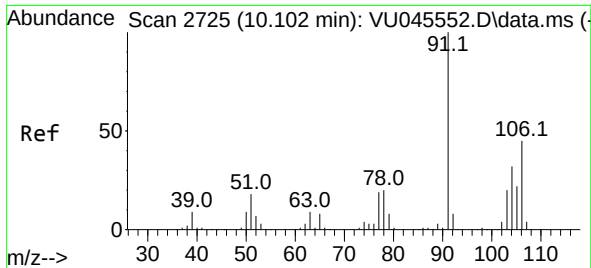
Tgt Ion:106 Resp: 246135

Ion Ratio Lower Upper

106 100

91 205.3 164.7 247.1





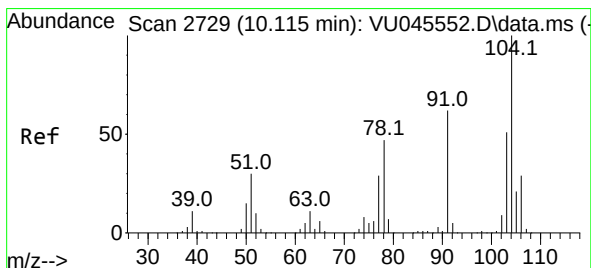
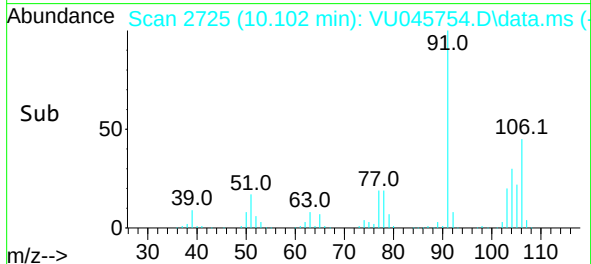
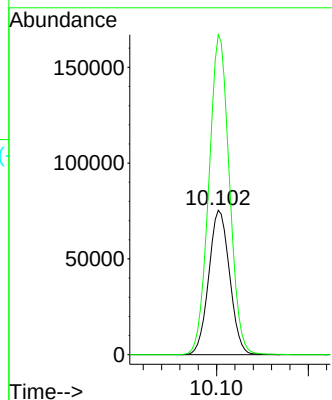
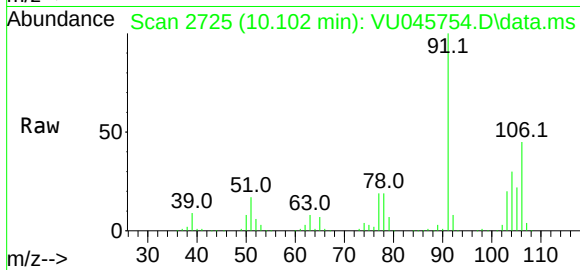
#69
o-Xylene
Concen: 49.017 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 11906
Ion Ratio Lower Upper
106 100
91 218.3 108.7 326.3

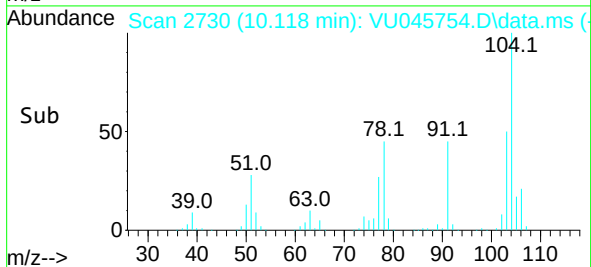
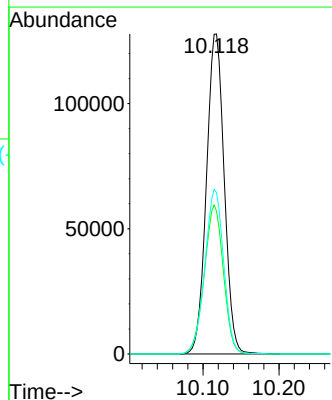
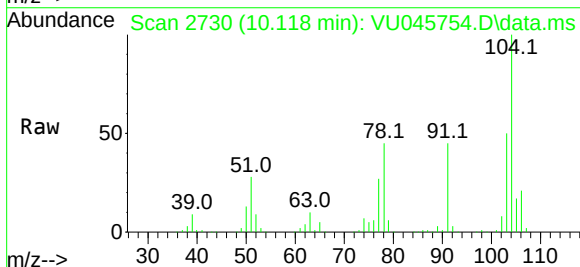
Manual Integrations
APPROVED

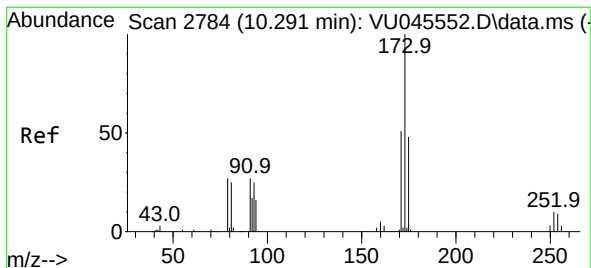
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 50.491 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Tgt Ion:104 Resp: 207491
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.6
103 54.3 43.8 65.6





#71

Bromoform

Concen: 44.283 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

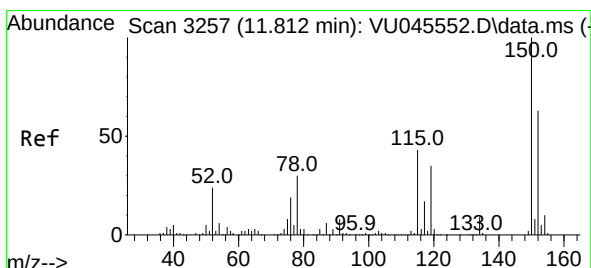
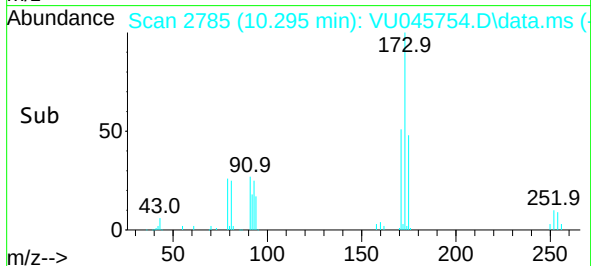
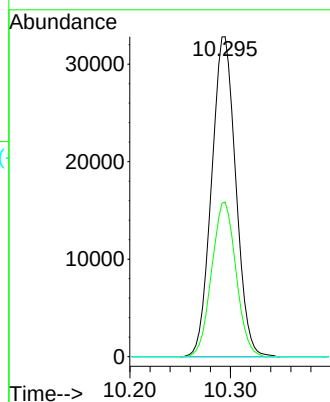
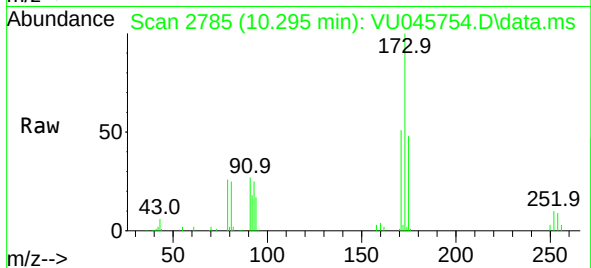
Tgt Ion:173	Resp:	5483
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.1 72.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

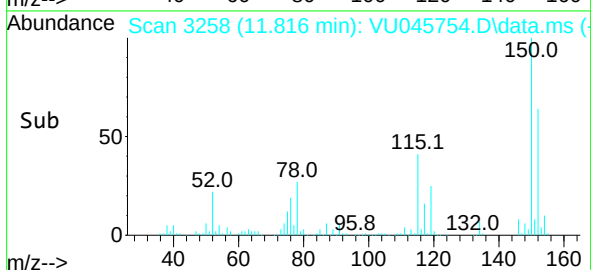
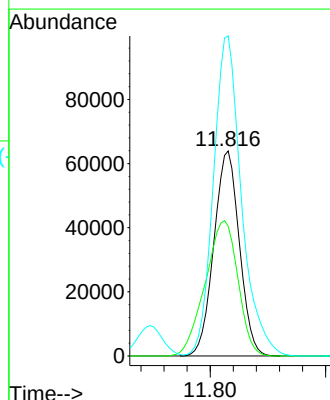
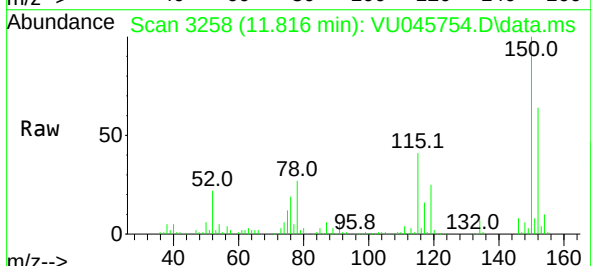
RT: 11.816 min Scan# 3258

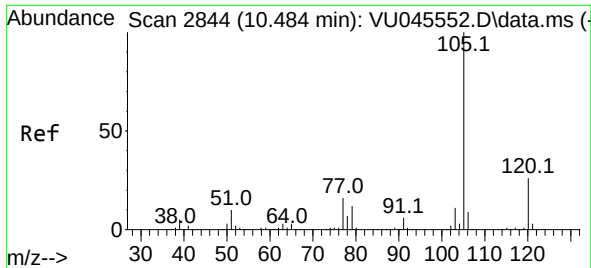
Delta R.T. 0.003 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Tgt Ion:152	Resp:	98024
Ion Ratio	Lower	Upper
152	100	
115	84.5	42.7 128.1
150	171.9	0.0 346.8





#73
Isopropylbenzene
Concen: 49.788 ug/l
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

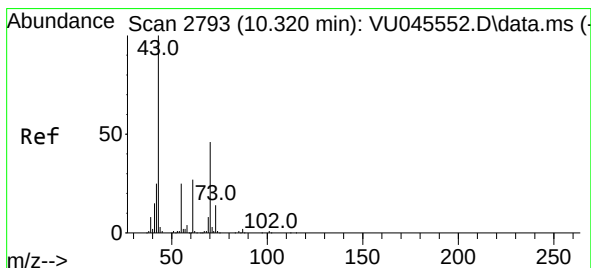
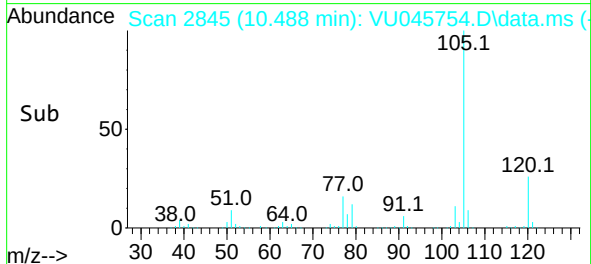
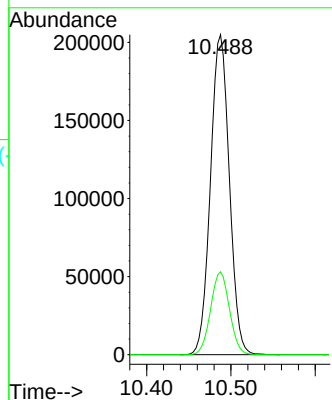
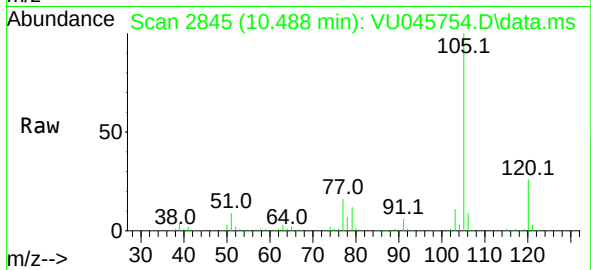
VSTDCCC050EC

Tgt Ion:105 Resp: 31888
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

Manual Integrations

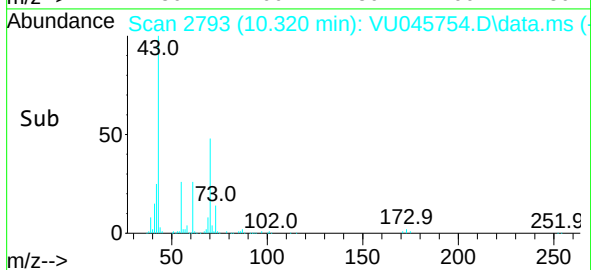
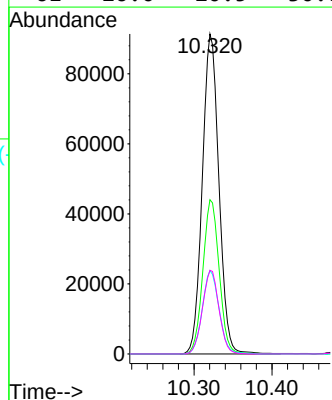
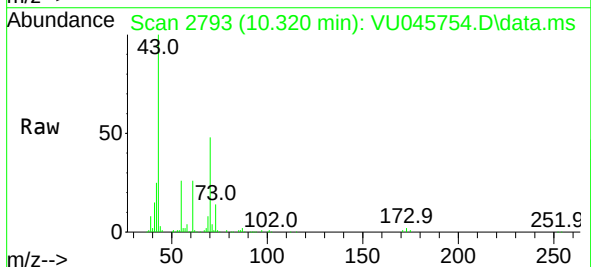
APPROVED

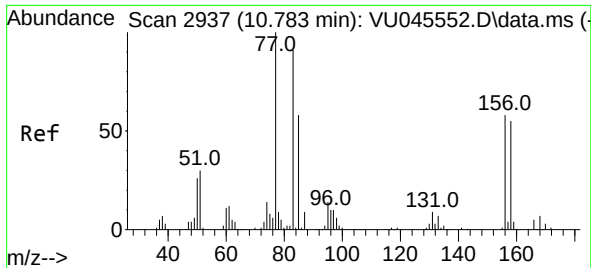
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-ethyl acetate
Concen: 46.706 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

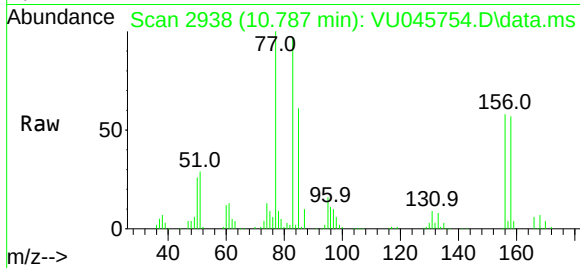
Tgt Ion: 43 Resp: 134950
Ion Ratio Lower Upper
43 100
70 47.4 36.9 55.3
55 26.4 20.6 31.0
61 26.0 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.033 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

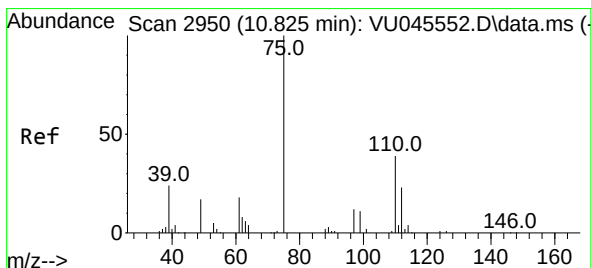
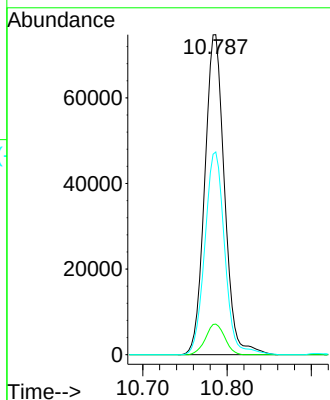
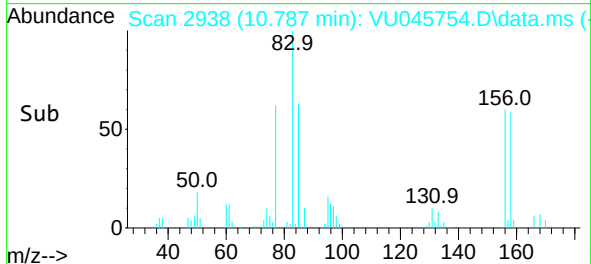
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



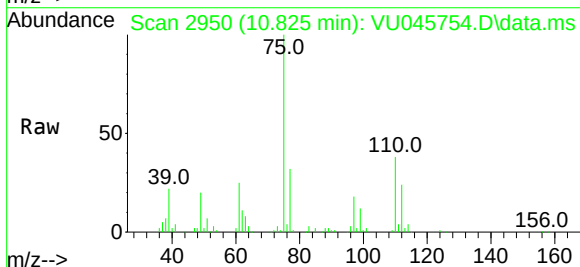
Tgt Ion: 83 Resp: 12188
Ion Ratio Lower Upper
83 100
131 9.3 4.4 13.2
85 63.8 31.9 95.9

Manual Integrations
APPROVED

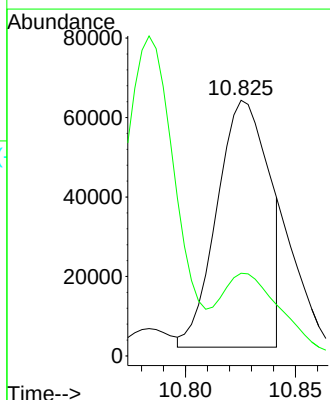
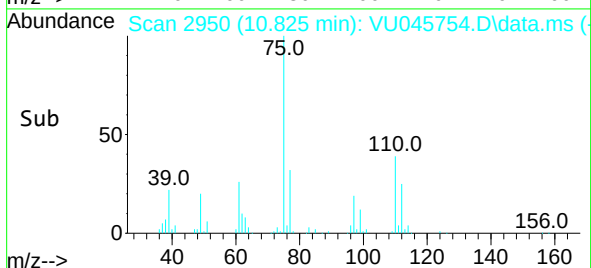
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

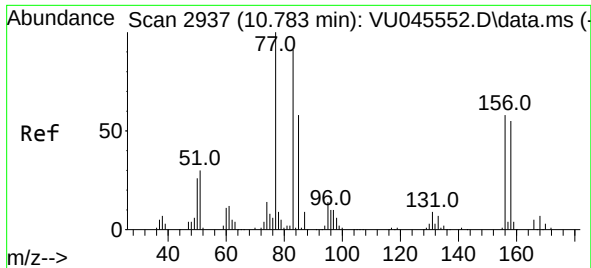


#76
1,2,3-Trichloropropane
Concen: 34.154 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14



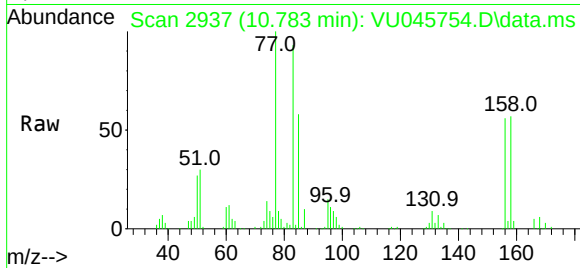
Tgt Ion: 75 Resp: 101528
Ion Ratio Lower Upper
75 100
77 38.0 17.1 51.3





#77
Bromobenzene
Concen: 47.979 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

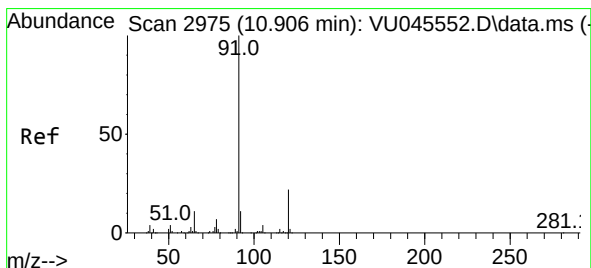
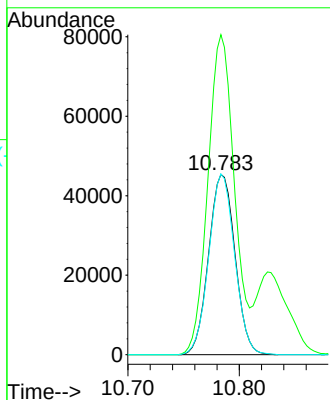
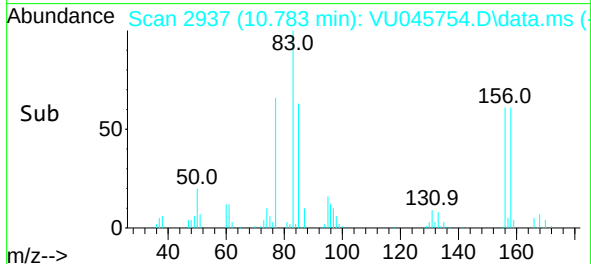
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



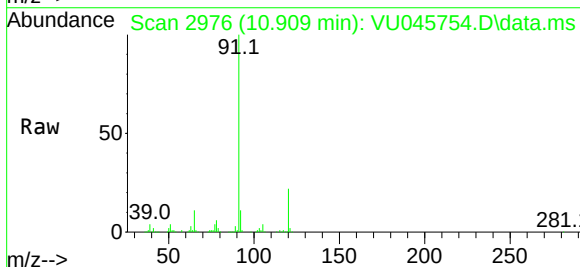
Tgt Ion:156 Resp: 74610
Ion Ratio Lower Upper
156 100
77 177.0 91.1 273.4
158 98.4 47.9 143.6

Manual Integrations
APPROVED

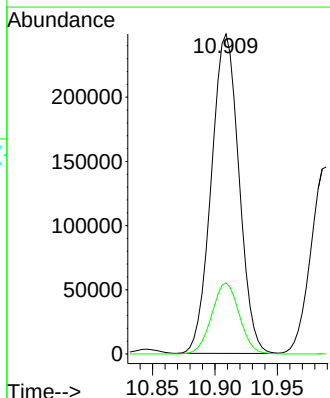
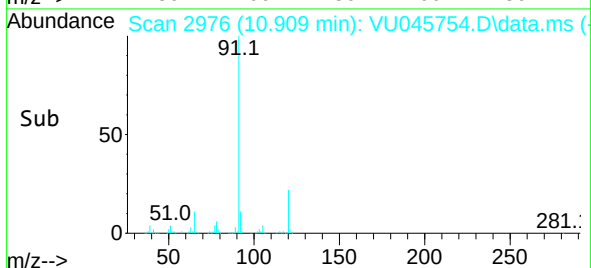
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

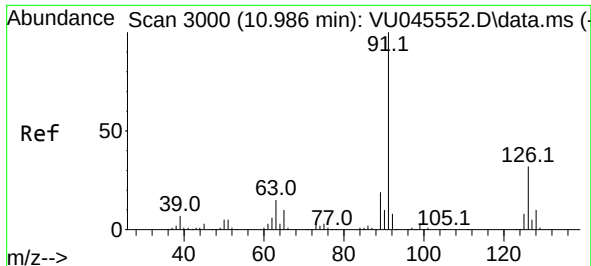


#78
n-propylbenzene
Concen: 48.142 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14



Tgt Ion: 91 Resp: 383758
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.7





#79

2-Chlorotoluene

Concen: 48.350 ug/l

RT: 10.989 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 227709

Ion Ratio Lower Upper

91 100

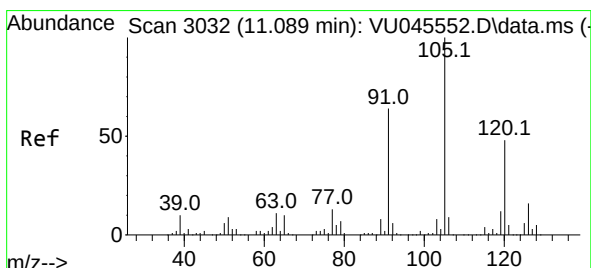
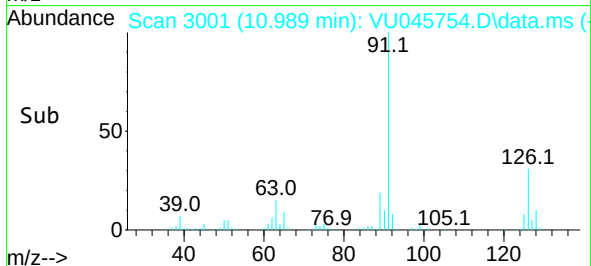
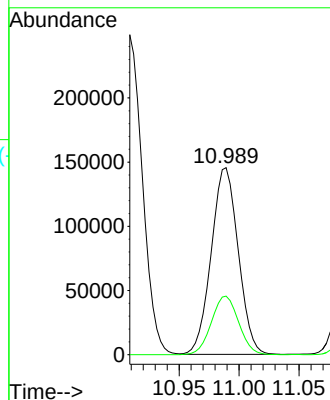
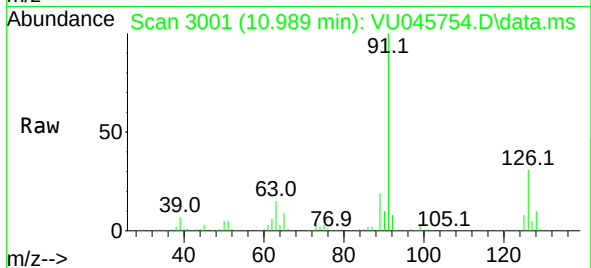
126 31.6 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#80

1,3,5-Trimethylbenzene

Concen: 49.012 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU045754.D

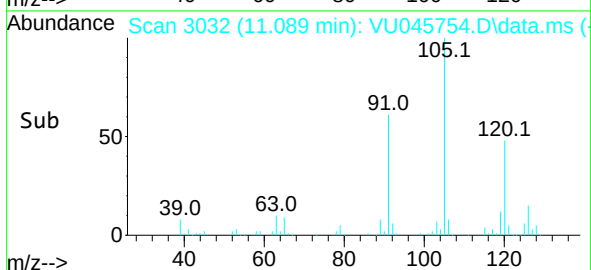
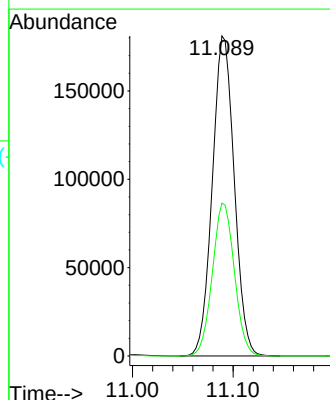
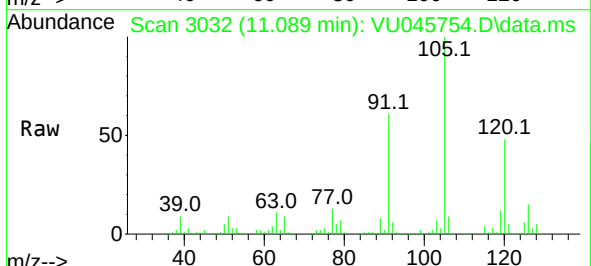
Acq: 11 Nov 2021 21:14

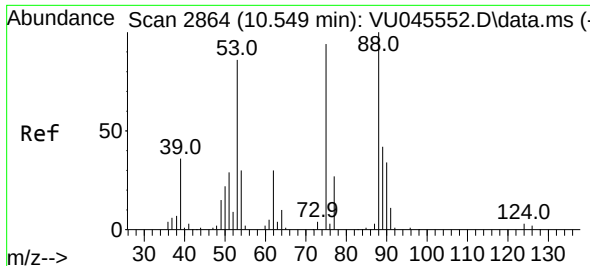
Tgt Ion:105 Resp: 274270

Ion Ratio Lower Upper

105 100

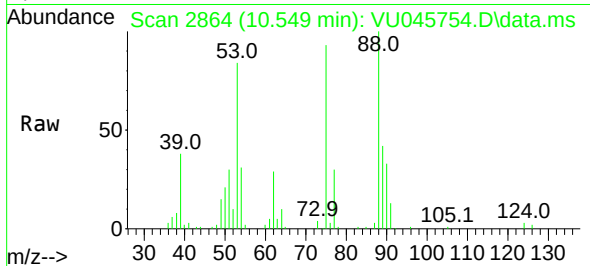
120 48.0 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 37.900 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

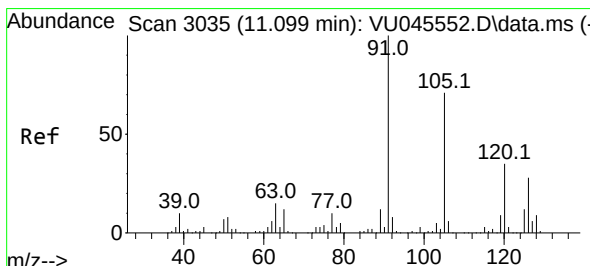
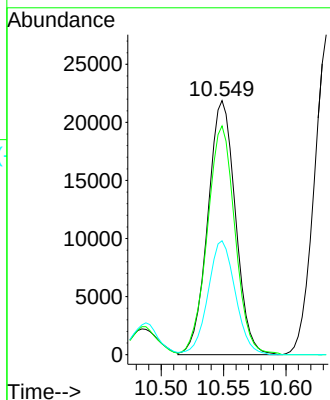
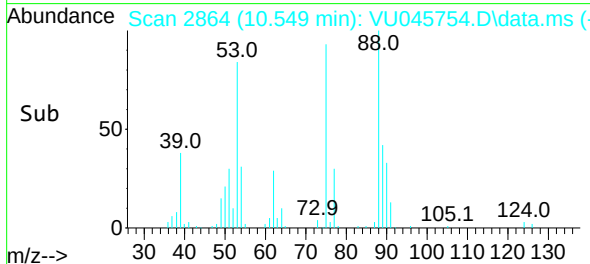
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 33692
Ion Ratio Lower Upper
75 100
53 90.4 76.2 114.4
89 44.5 34.0 51.0

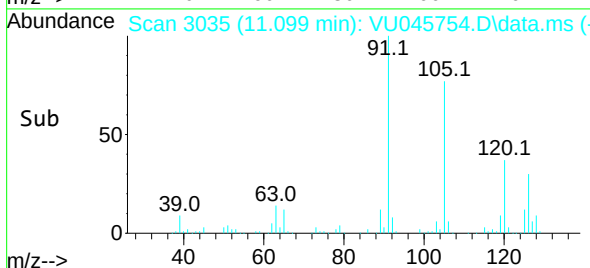
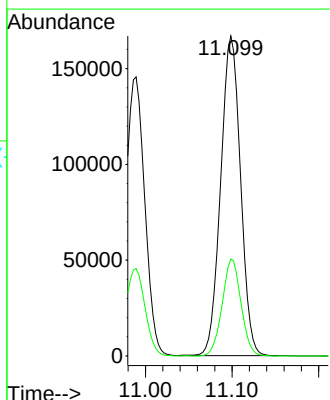
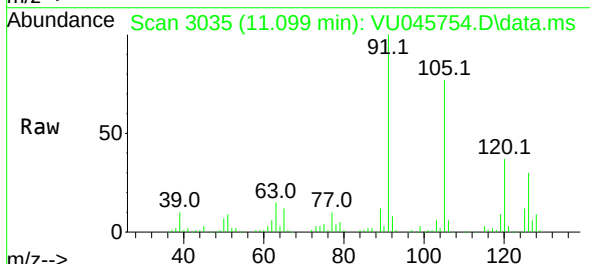
Manual Integrations
APPROVED

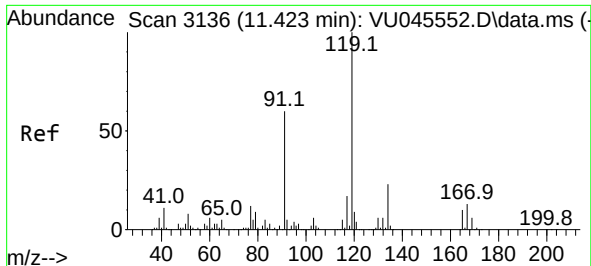
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 48.018 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

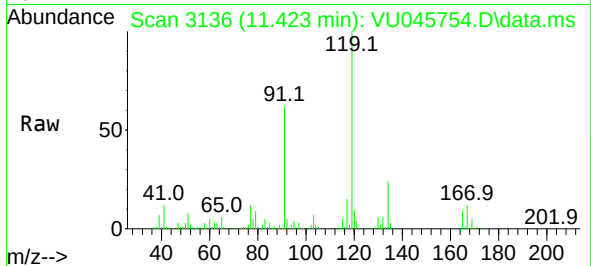
Tgt Ion: 91 Resp: 265215
Ion Ratio Lower Upper
91 100
126 28.8 13.8 41.4





#83
tert-Butylbenzene
Concen: 49.009 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

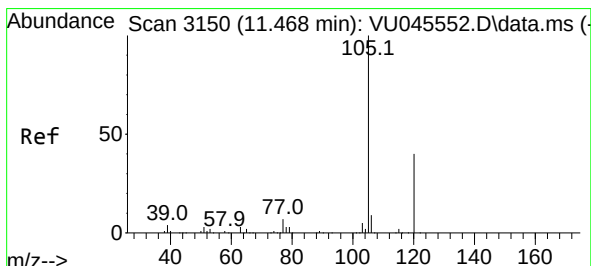
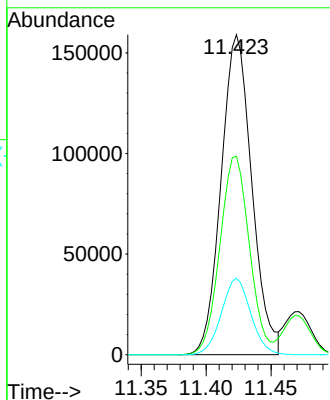
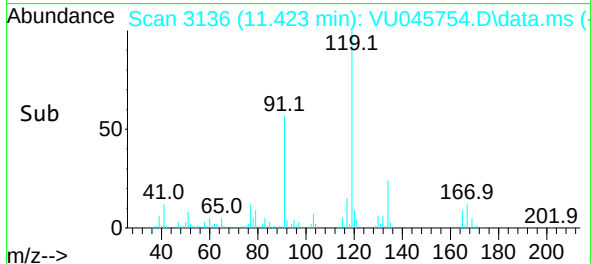
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 261432
Ion Ratio Lower Upper
119 100
91 59.9 30.5 91.5
134 22.8 11.5 34.5

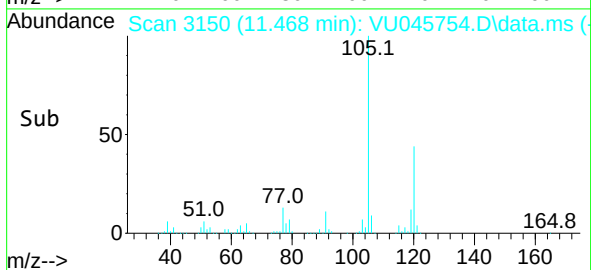
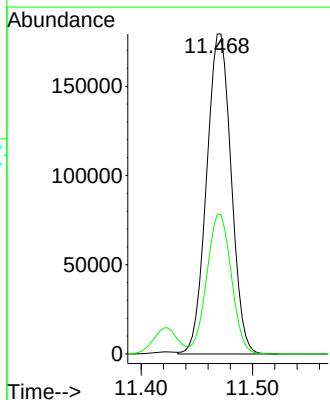
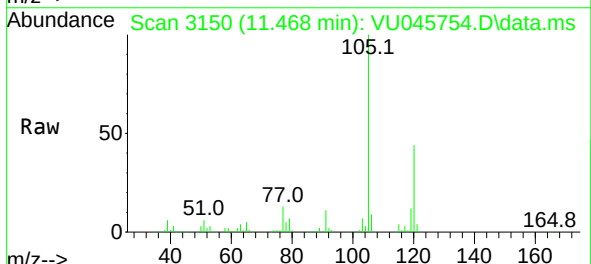
Manual Integrations
APPROVED

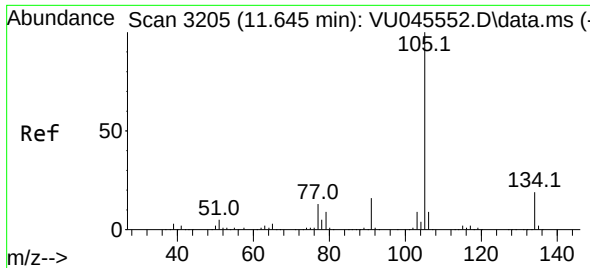
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#84
1,2,4-Trimethylbenzene
Concen: 49.502 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

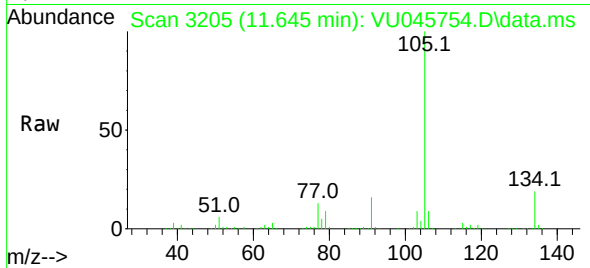
Tgt Ion:105 Resp: 275309
Ion Ratio Lower Upper
105 100
120 43.7 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 48.635 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045754.D
 Acq: 11 Nov 2021 21:14

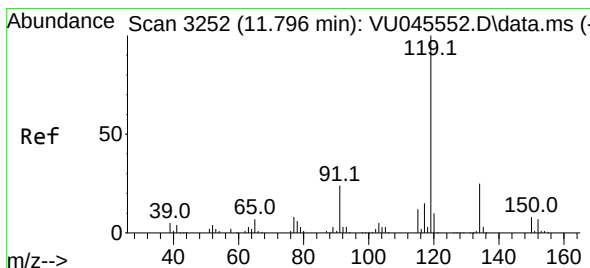
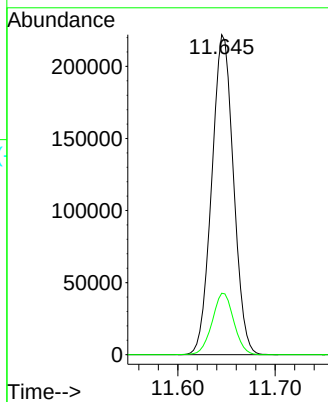
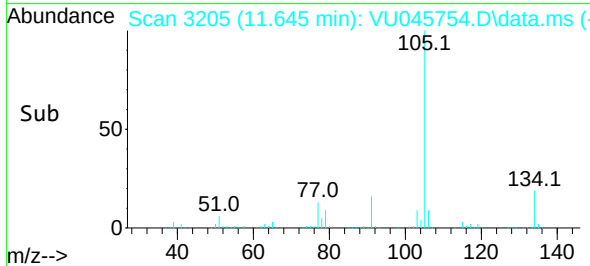
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



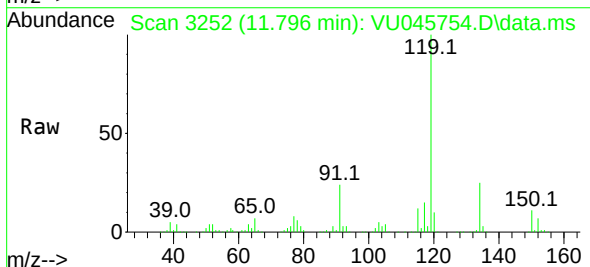
Tgt Ion:105 Resp: 34407
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3

Manual Integrations
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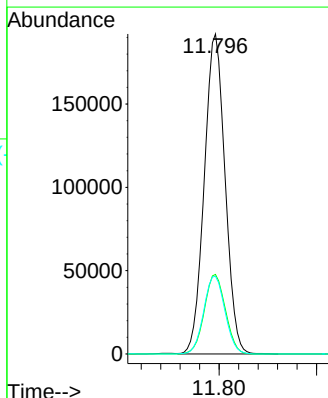
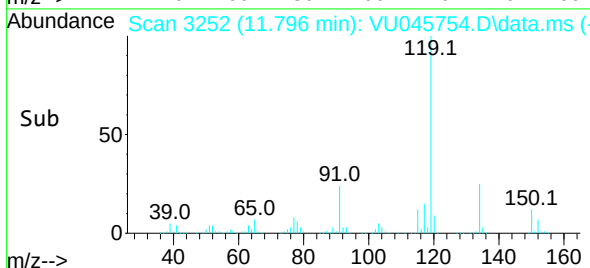
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

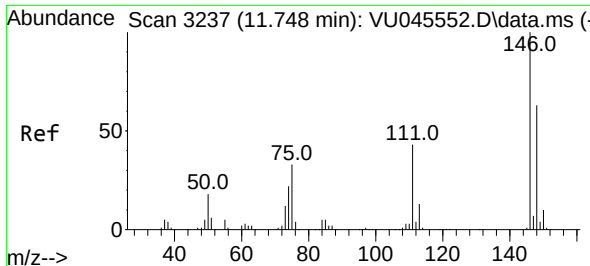


#86
 p-Isopropyltoluene
 Concen: 48.065 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045754.D
 Acq: 11 Nov 2021 21:14



Tgt Ion:119 Resp: 284155
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 24.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 46.880 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 147090

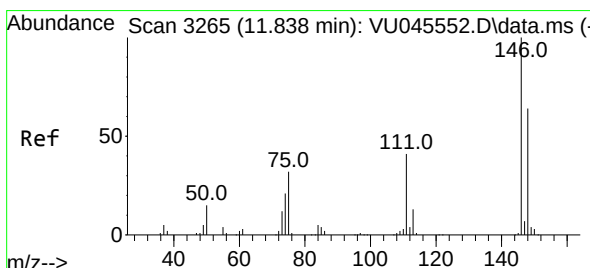
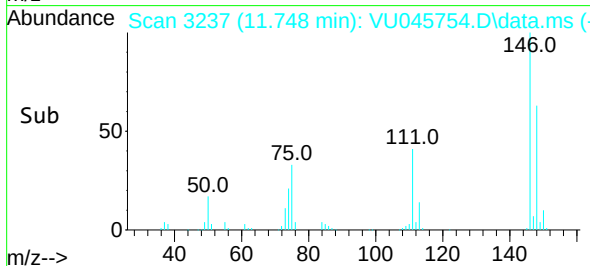
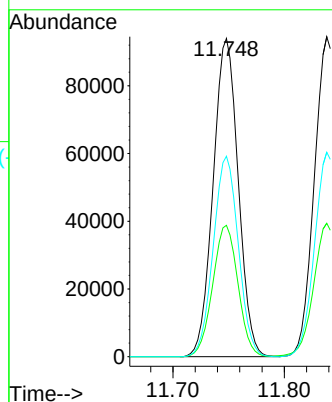
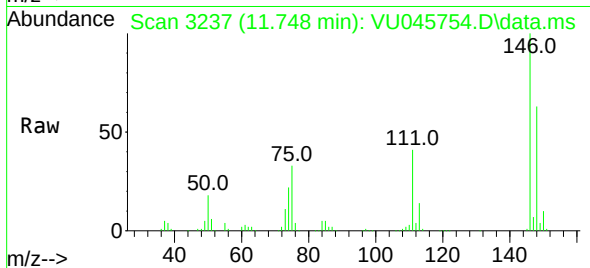
Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.9
148	63.0	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#88

1,4-Dichlorobenzene

Concen: 46.501 ug/l

RT: 11.838 min Scan# 3265

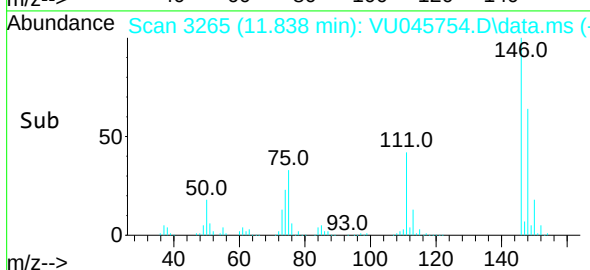
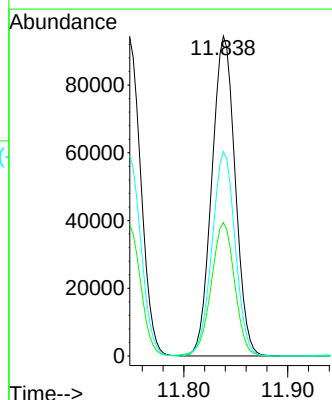
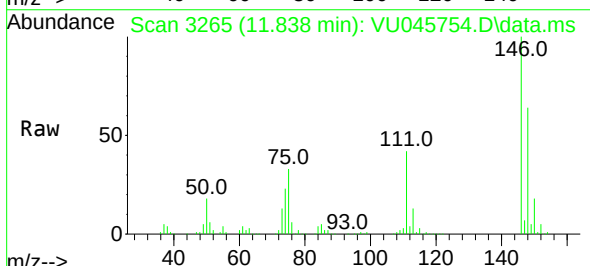
Delta R.T. 0.000 min

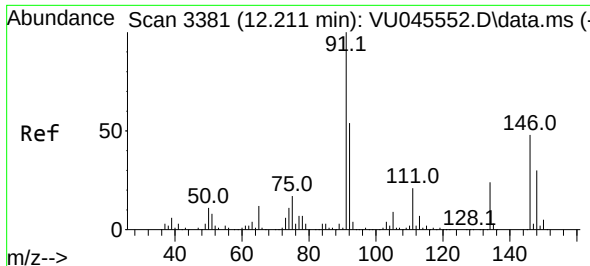
Lab File: VU045754.D

Acq: 11 Nov 2021 21:14

Tgt Ion:146 Resp: 147560

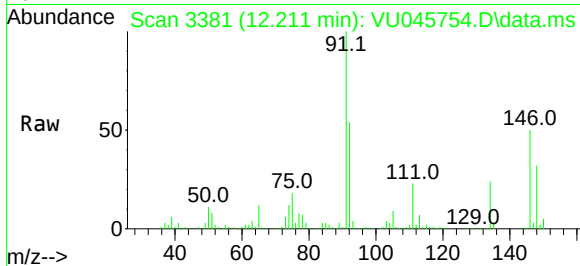
Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.6	61.9
148	63.3	31.9	95.7





#89
n-Butylbenzene
Concen: 45.905 ug/l
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

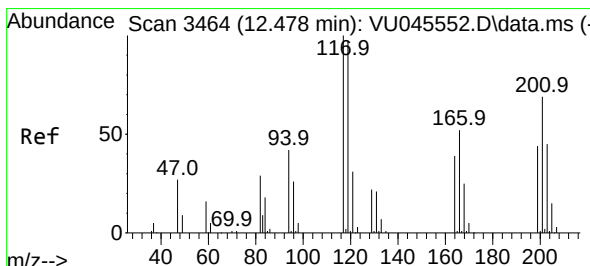
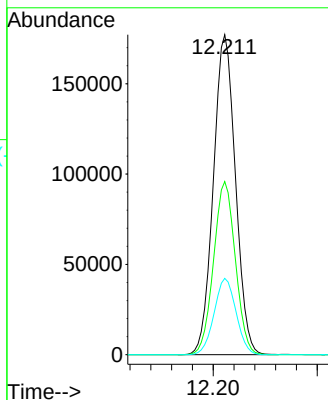
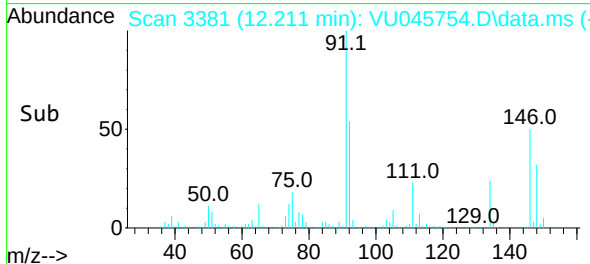
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 261425
Ion Ratio Lower Upper
91 100
92 53.3 27.1 81.2
134 23.7 11.8 35.4

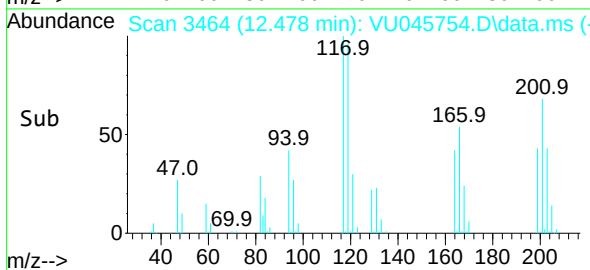
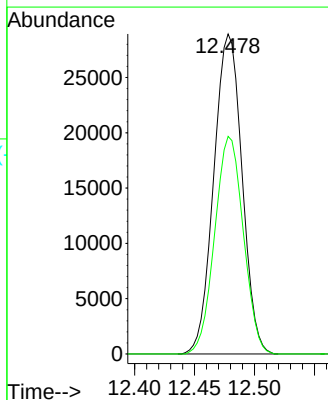
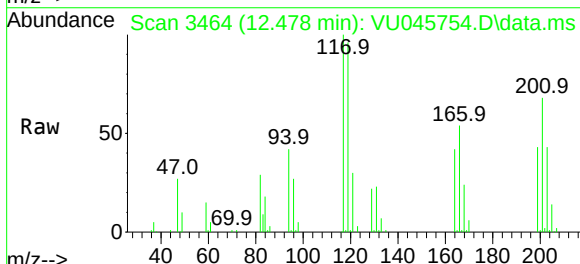
Manual Integrations
APPROVED

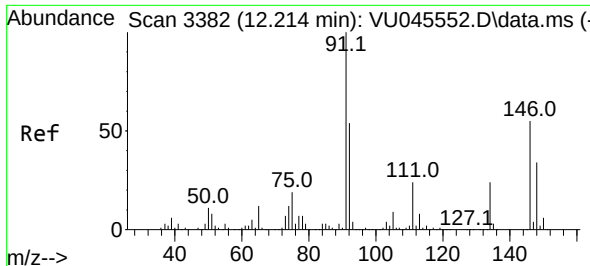
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 44.429 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

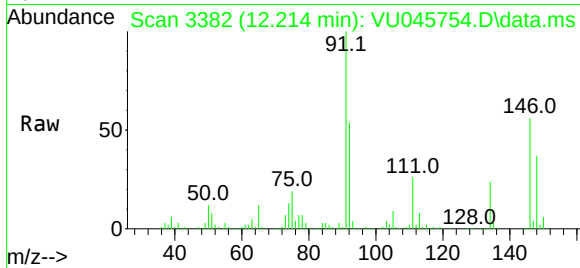
Tgt Ion:117 Resp: 47383
Ion Ratio Lower Upper
117 100
201 68.7 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 47.563 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

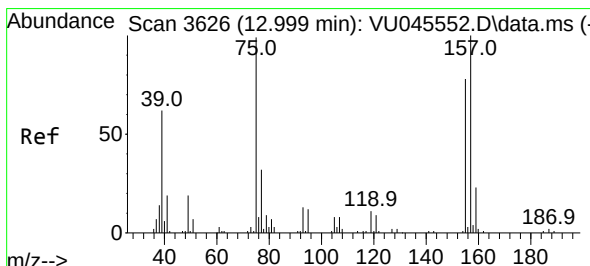
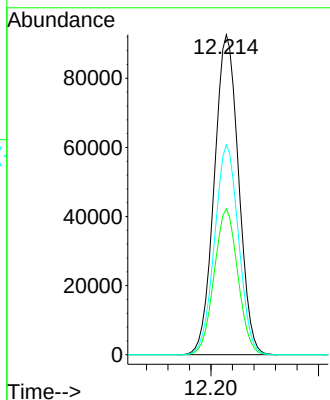
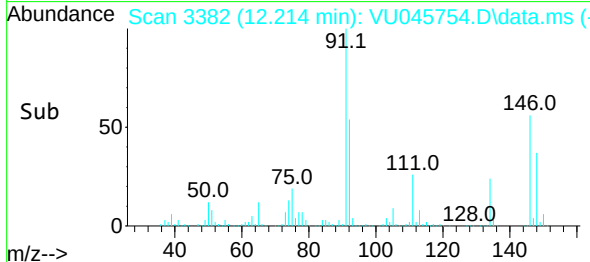
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 145190
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.5
148 65.0 32.1 96.3

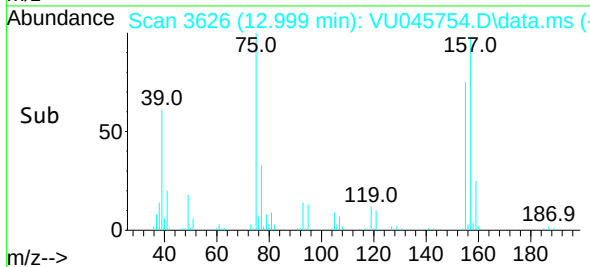
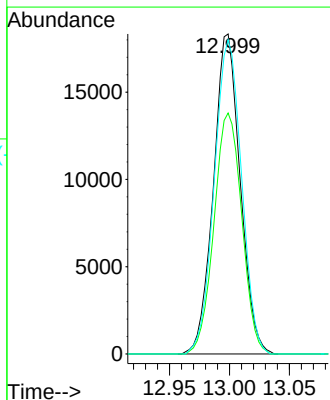
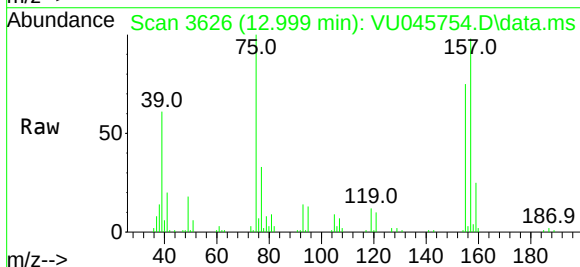
Manual Integrations
APPROVED

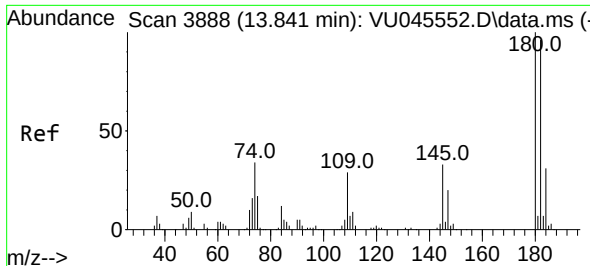
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.420 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

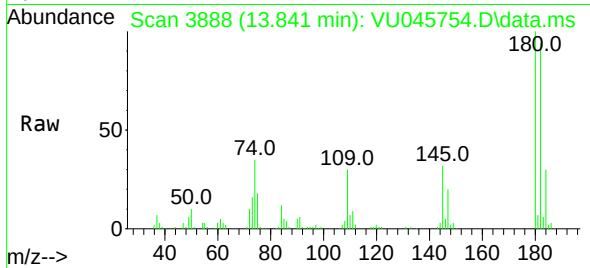
Tgt Ion: 75 Resp: 28393
Ion Ratio Lower Upper
75 100
155 78.2 37.8 113.3
157 99.9 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 45.861 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

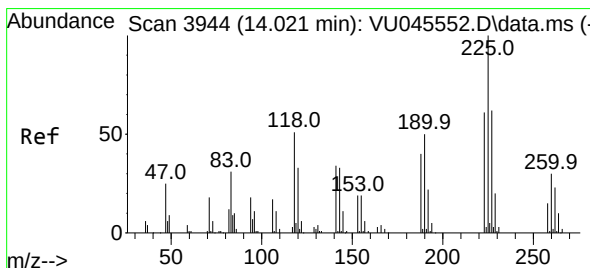
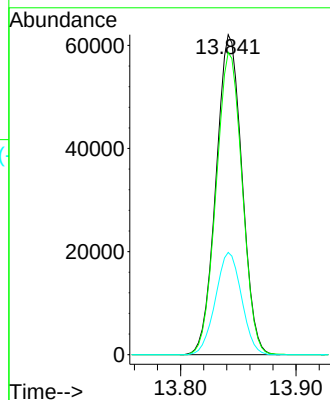
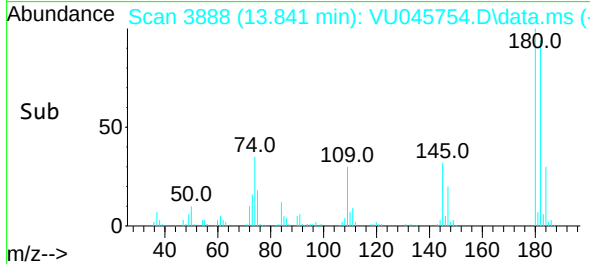
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



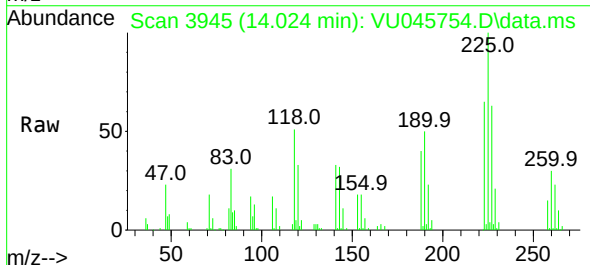
Tgt Ion:180 Resp: 9679
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.2
145 32.1 15.6 46.7

Manual Integrations
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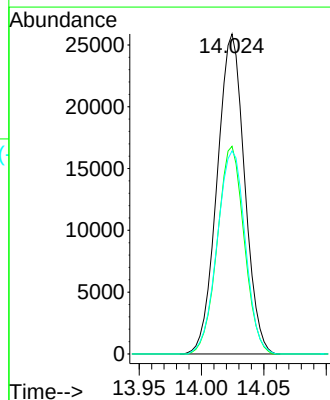
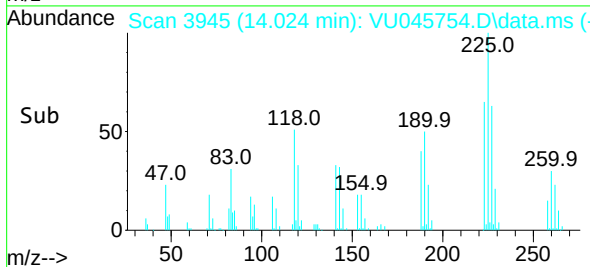
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

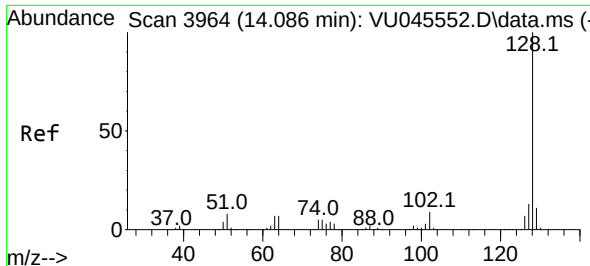


#94
Hexachlorobutadiene
Concen: 43.527 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14



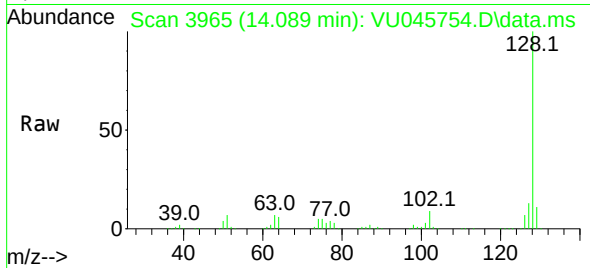
Tgt Ion:225 Resp: 39657
Ion Ratio Lower Upper
225 100
223 63.6 32.0 96.2
227 65.0 31.1 93.5





#95
Naphthalene
Concen: 45.540 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

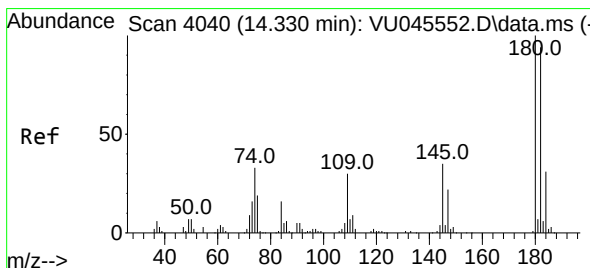
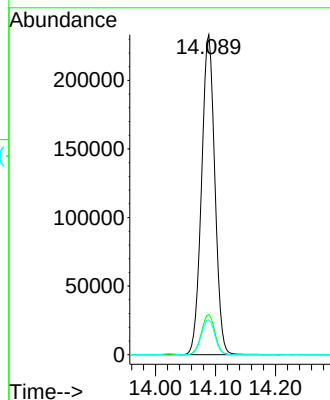
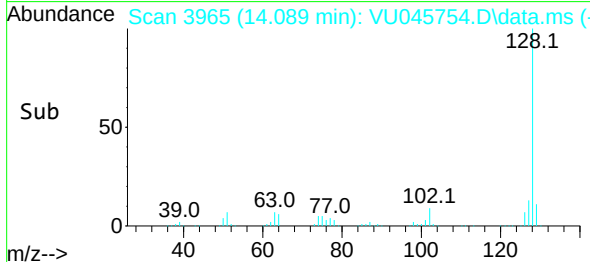
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 36060
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 47.797 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045754.D
Acq: 11 Nov 2021 21:14

Tgt Ion:180 Resp: 100202
Ion Ratio Lower Upper
180 100
182 96.7 47.7 143.1
145 34.6 16.7 50.0

