

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045626.D
 Acq On : 08 Nov 2021 19:22
 Operator : SY/MD
 Sample : M4508-05MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-498-500MSD

Quant Time: Nov 09 10:02:05 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2021
 Supervised By : Mahesh Dadoda 11/15/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	136276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	243435	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	238428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	121982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	93906	46.012	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.020%		
35) Dibromofluoromethane	5.292	113	74204	45.656	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.320%		
50) Toluene-d8	7.899	98	276440	45.741	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.480%#		
62) 4-Bromofluorobenzene	10.636	95	109472	45.172	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	81370	46.053	ug/l	99
3) Chloromethane	1.520	50	90618	44.824	ug/l	100
4) Vinyl Chloride	1.604	62	95904	48.699	ug/l	99
5) Bromomethane	1.848	94	59922	54.553	ug/l	100
6) Chloroethane	1.928	64	57439	44.693	ug/l	99
7) Trichlorofluoromethane	2.137	101	122778	47.147	ug/l	98
8) Diethyl Ether	2.375	74	50206	48.704	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.581	101	71511	47.028	ug/l	96
10) Methyl Iodide	2.723	142	81463	40.937	ug/l	94
11) Tert butyl alcohol	3.176	59	101016	250.066	ug/l	100
12) 1,1-Dichloroethene	2.578	96	70557	47.061	ug/l	100
13) Acrolein	2.485	56	15818	270.214	ug/l	96
14) Allyl chloride	2.925	41	129793	48.483	ug/l	99
15) Acrylonitrile	3.314	53	264831	245.549	ug/l	99
16) Acetone	2.626	43	207049	199.294	ug/l	98
17) Carbon Disulfide	2.793	76	190658	45.401	ug/l	99
18) Methyl Acetate	2.948	43	162847	46.021	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	271334	50.277	ug/l	98
20) Methylene Chloride	3.047	84	84279	46.687	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	76459	49.020	ug/l	97
22) Diisopropyl ether	3.996	45	265888	50.583	ug/l	93
23) Vinyl Acetate	3.957	43	991517	245.255	ug/l	99
24) 1,1-Dichloroethane	3.874	63	155006	49.485	ug/l	99
25) 2-Butanone	4.700	43	342448	237.657	ug/l	100
26) 2,2-Dichloropropane	4.671	77	119072	45.874	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	91800	50.110	ug/l	99
28) Bromochloromethane	4.977	49	66500	44.531	ug/l	96
29) Tetrahydrofuran	5.051	42	219041	248.517	ug/l	99
30) Chloroform	5.092	83	155437	50.175	ug/l	100
31) Cyclohexane	5.391	56	135072	45.359	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	133903	50.686	ug/l	97
36) 1,1-Dichloropropene	5.530	75	110875	46.710	ug/l	98
37) Ethyl Acetate	4.803	43	126196	46.282	ug/l	99
38) Carbon Tetrachloride	5.526	117	112963	47.204	ug/l	98
39) Methylcyclohexane	6.764	83	130172	44.702	ug/l	96
40) Benzene	5.777	78	333146	47.405	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	71889	49.890	ug/l	100
42) 1,2-Dichloroethane	5.796	62	123078	48.486	ug/l	99
43) Isopropyl Acetate	5.912	43	200413	48.054	ug/l	98
44) Trichloroethene	6.546	130	80578	47.901	ug/l	99
45) 1,2-Dichloropropane	6.793	63	90623	48.735	ug/l	97
46) Dibromomethane	6.919	93	62193	48.271	ug/l	97
47) Bromodichloromethane	7.108	83	121753	49.803	ug/l	96
48) Methyl methacrylate	6.960	41	96284	50.159	ug/l	97
49) 1,4-Dioxane	6.964	88	46357	939.065	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	682451	248.062	ug/l	99
52) Toluene	7.973	92	212995	49.505	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	138223	49.196	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	145953	48.908	ug/l	97
55) 1,1,2-Trichloroethane	8.404	97	88147	49.433	ug/l	97
56) Ethyl methacrylate	8.337	69	143076	44.989	ug/l	98
57) 1,3-Dichloropropane	8.578	76	157683	49.097	ug/l	99
59) 2-Hexanone	8.684	43	519116	217.853	ug/l	100
60) Dibromochloromethane	8.812	129	94176	50.720	ug/l	99
61) 1,2-Dibromoethane	8.925	107	92561	48.399	ug/l	100
64) Tetrachloroethene	8.555	164	65883	48.144	ug/l	99
65) Chlorobenzene	9.449	112	222240	47.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	80968	48.475	ug/l	99
67) Ethyl Benzene	9.571	91	409422	48.816	ug/l	100
68) m/p-Xylenes	9.697	106	315506	99.748	ug/l	99
69) o-Xylene	10.102	106	154483	50.236	ug/l	98
70) Styrene	10.115	104	258382	49.666	ug/l	98
71) Bromoform	10.295	173	70305	44.812	ug/l #	100
73) Isopropylbenzene	10.488	105	404963	50.810	ug/l	100
74) N-amyl acetate	10.320	43	173588	48.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	152180	48.192	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	136719m	36.959	ug/l	
77) Bromobenzene	10.783	156	97186	50.223	ug/l	95
78) n-propylbenzene	10.909	91	487765	49.171	ug/l	99
79) 2-Chlorotoluene	10.989	91	286147	48.825	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	346304	49.730	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	47987	42.945	ug/l	98
82) 4-Chlorotoluene	11.099	91	336163	48.910	ug/l	99
83) tert-Butylbenzene	11.423	119	334152	50.339	ug/l	97
84) 1,2,4-Trimethylbenzene	11.468	105	348400	50.340	ug/l	99
85) sec-Butylbenzene	11.645	105	421552	47.883	ug/l	99
86) p-Isopropyltoluene	11.796	119	353801	48.092	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	181558	46.501	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	186312	47.181	ug/l	100
89) n-Butylbenzene	12.211	91	319867	45.136	ug/l	99
90) Hexachloroethane	12.478	117	62069	46.769	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	181504	47.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	36391	48.840	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	118615	45.161	ug/l	98
94) Hexachlorobutadiene	14.024	225	42660	37.627	ug/l	97
95) Naphthalene	14.089	128	452800	45.943	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	122248	46.860	ug/l	99

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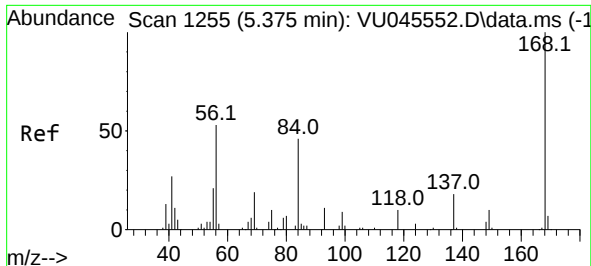
Manual Integrations
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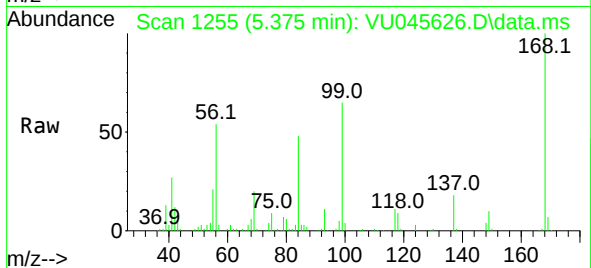
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
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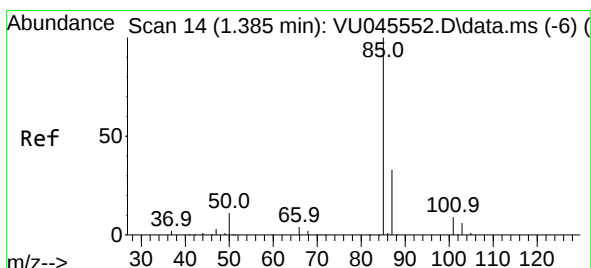
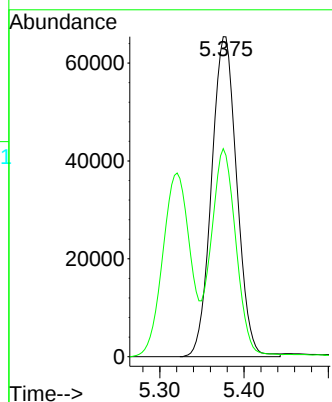
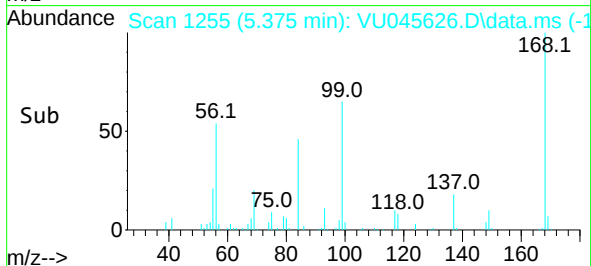
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion:168 Resp: 136270
Ion Ratio Lower Upper
168 100
99 64.3 51.0 76.6

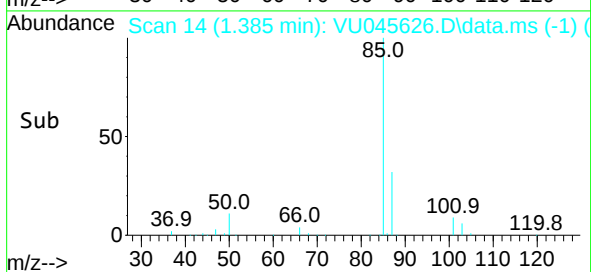
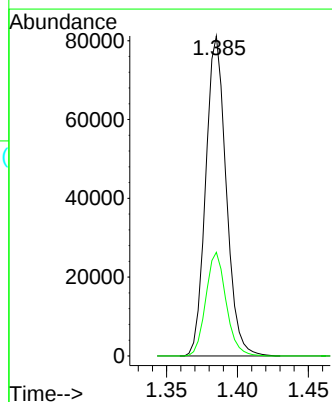
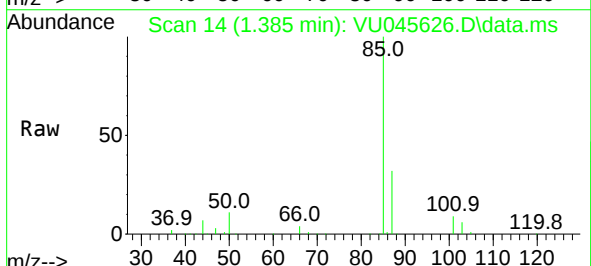
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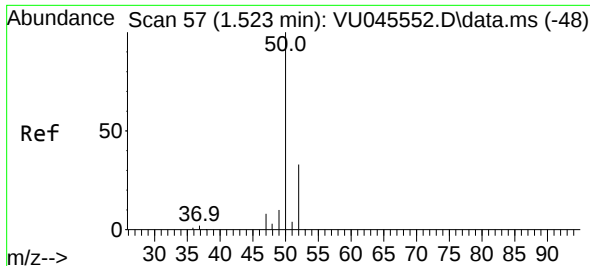
Reviewed By :John Carlone 11/09/2021
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#2
Dichlorodifluoromethane
Concen: 46.053 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

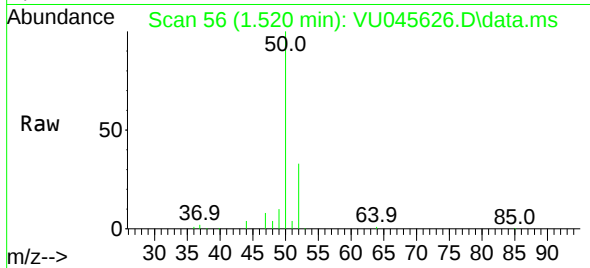
Tgt Ion: 85 Resp: 81370
Ion Ratio Lower Upper
85 100
87 32.4 15.9 47.7





#3
Chloromethane
Concen: 44.824 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

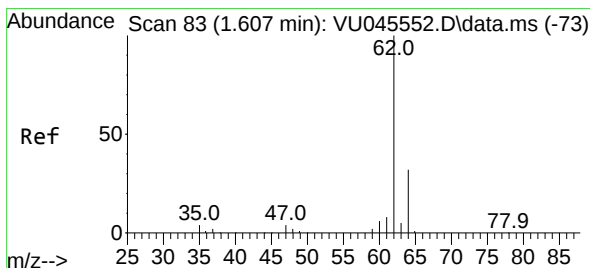
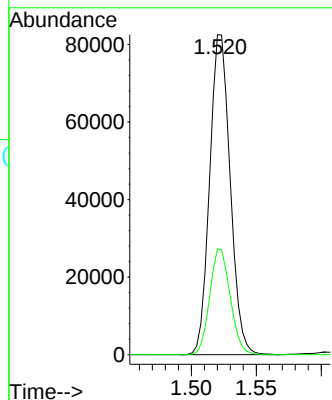
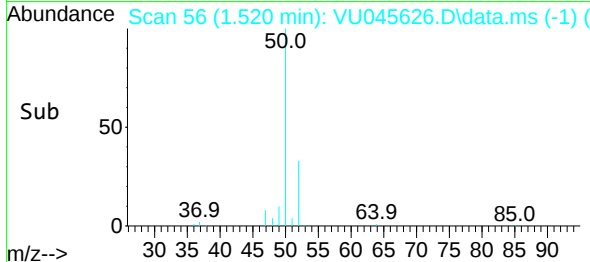
Instrument :
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Tgt Ion: 50 Resp: 90618
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0

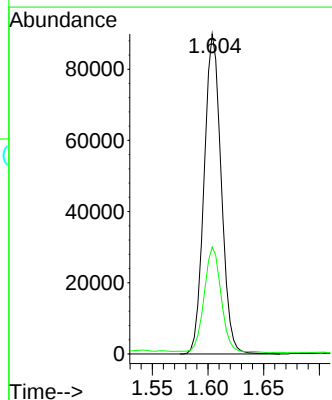
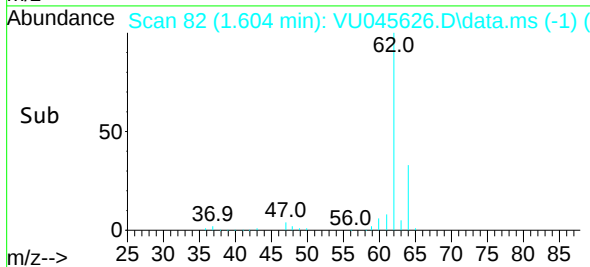
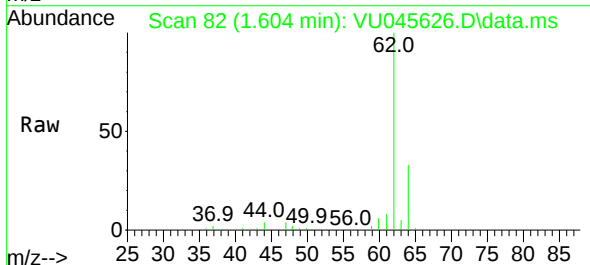
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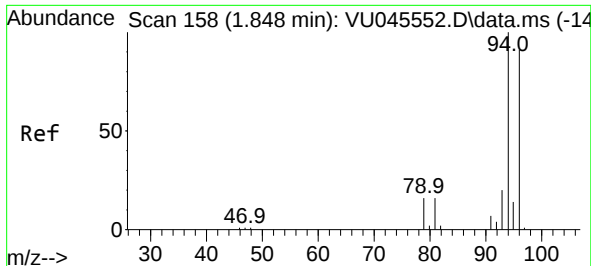
Reviewed By :John Carlone 11/09/2021
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#4
Vinyl Chloride
Concen: 48.699 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

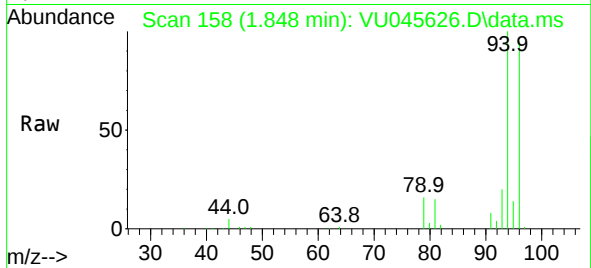
Tgt Ion: 62 Resp: 95904
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.6





#5
Bromomethane
Concen: 54.553 ug/l
RT: 1.848 min Scan# 158
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

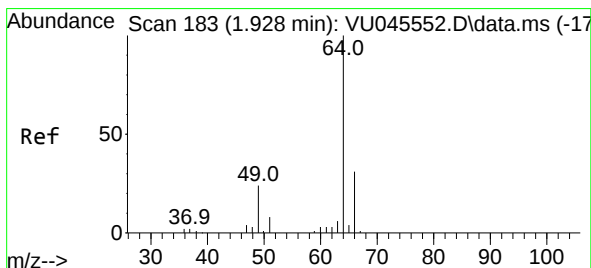
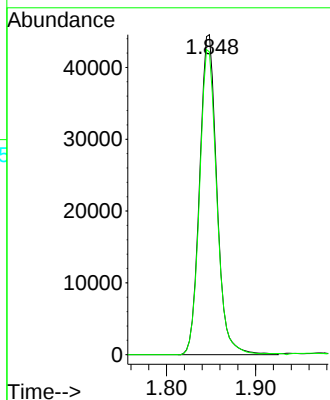
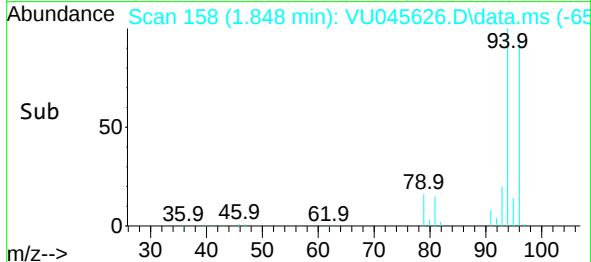
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Tgt Ion: 94 Resp: 5992
Ion Ratio Lower Upper
94 100
96 94.6 75.4 113.2

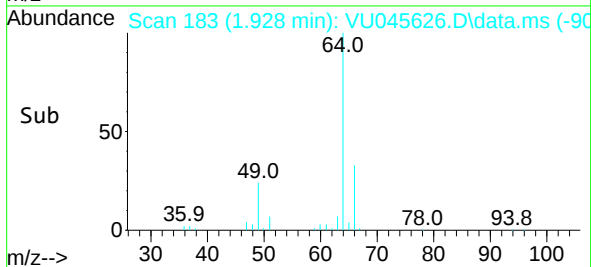
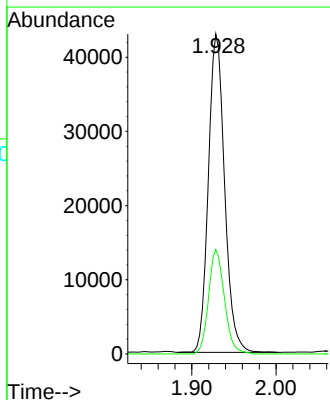
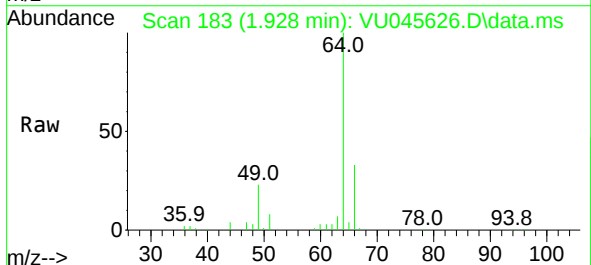
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#6
Chloroethane
Concen: 44.693 ug/l
RT: 1.928 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

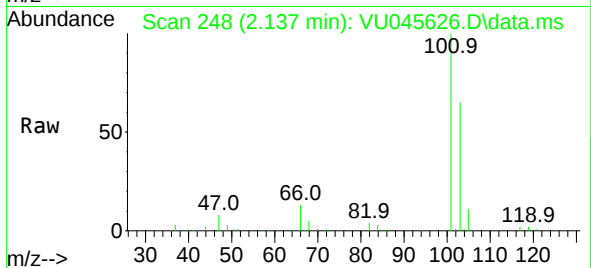
Tgt Ion: 64 Resp: 57439
Ion Ratio Lower Upper
64 100
66 32.8 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 47.147 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU045626.D
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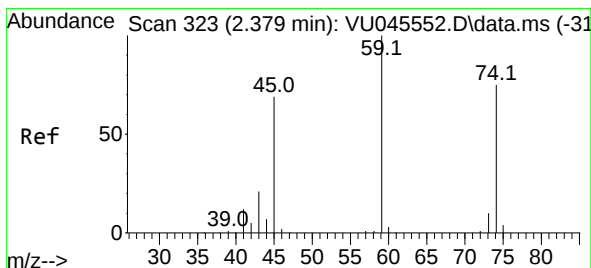
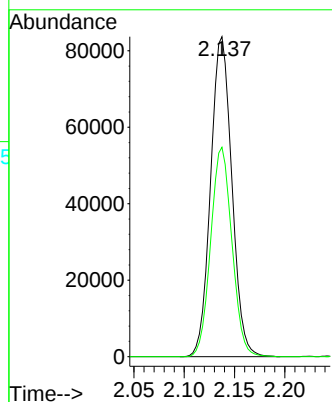
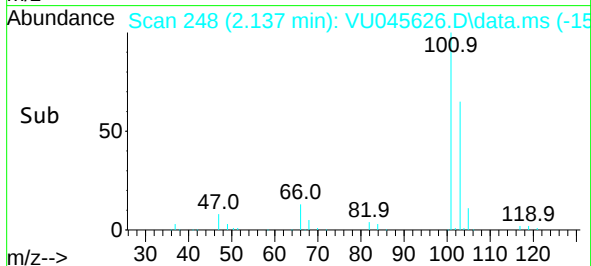
Instrument :
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 ClientSampleId :
 BP-VPB-RW9-498-500MSD



Tgt Ion:101 Resp: 122778
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.4 77.0

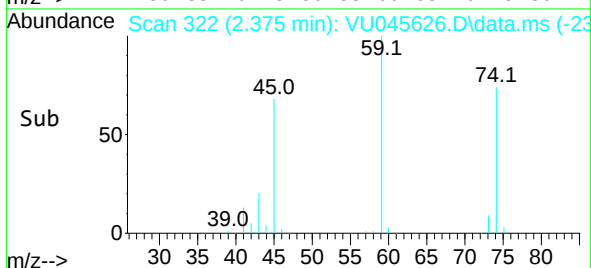
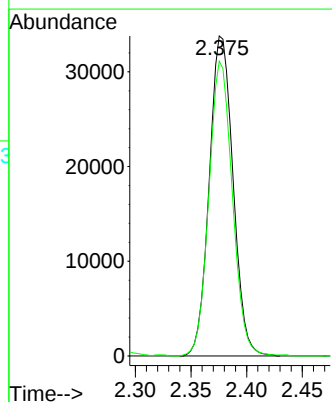
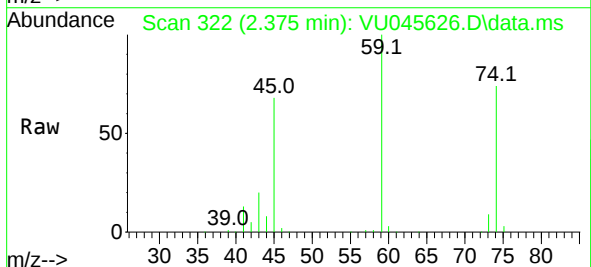
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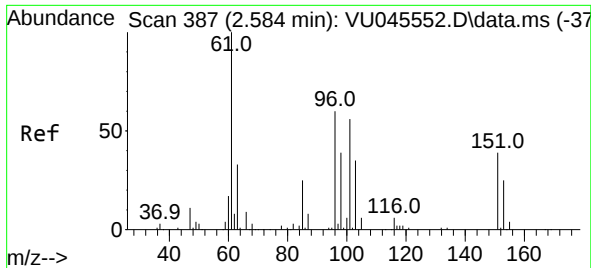
Reviewed By :John Carlone 11/09/2021
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#8
 Diethyl Ether
 Concen: 48.704 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.003 min
 Lab File: VU045626.D
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Tgt Ion: 74 Resp: 50206
 Ion Ratio Lower Upper
 74 100
 45 91.1 47.3 141.8





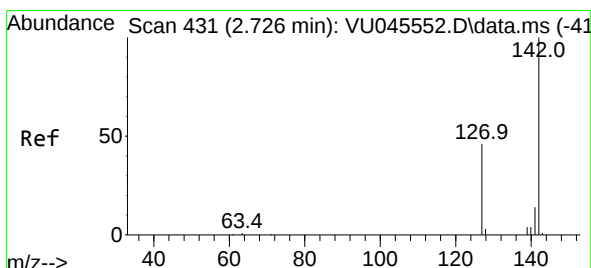
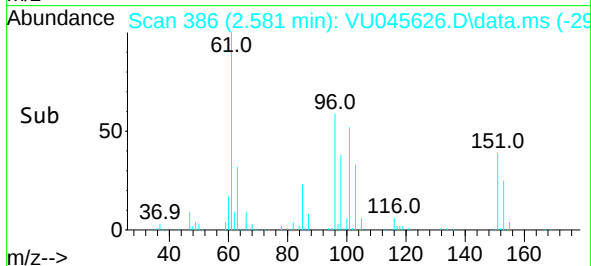
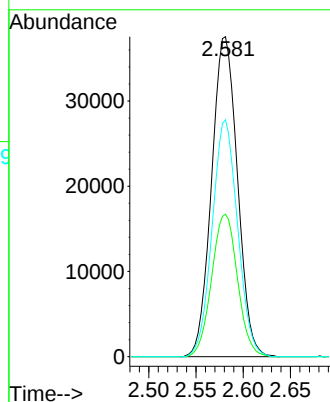
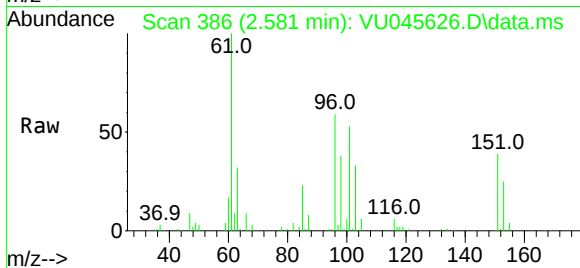
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.028 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045626.D
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MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD

Tgt Ion:101 Resp: 7151
Ion Ratio Lower Upper
101 100
85 44.4 35.0 52.4
151 72.7 54.6 82.0

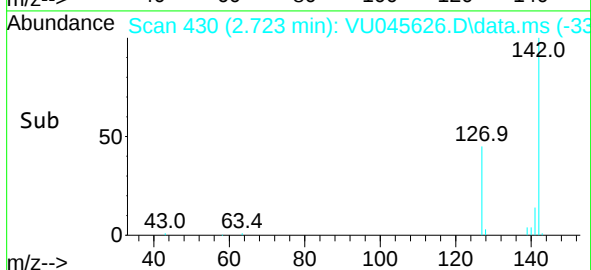
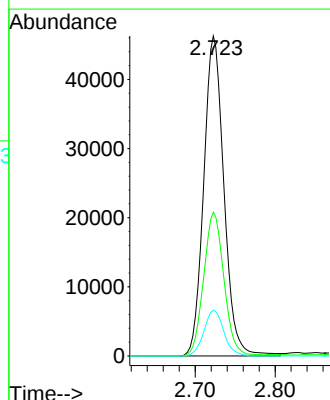
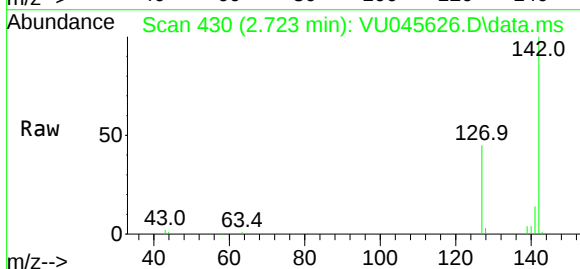
Manual Integrations
APPROVED

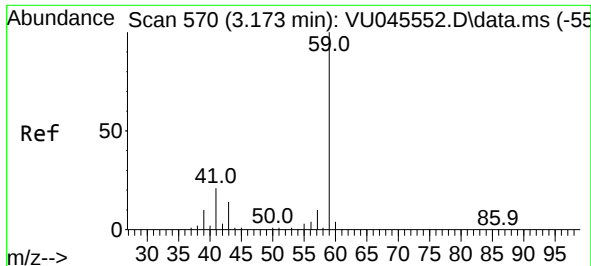
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#10
Methyl Iodide
Concen: 40.937 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

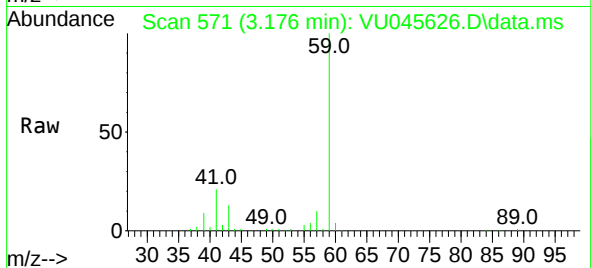
Tgt Ion:142 Resp: 81463
Ion Ratio Lower Upper
142 100
127 44.9 32.2 48.2
141 14.1 11.3 16.9





#11
Tert butyl alcohol
Concen: 250.066 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

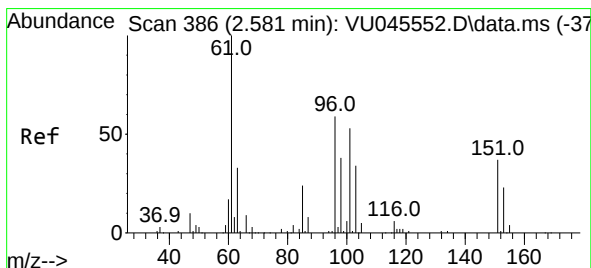
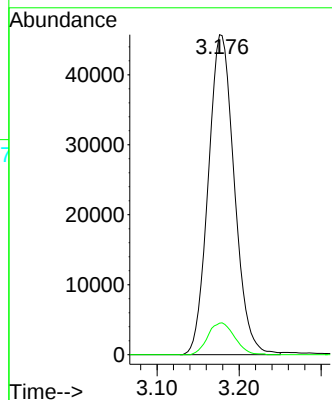
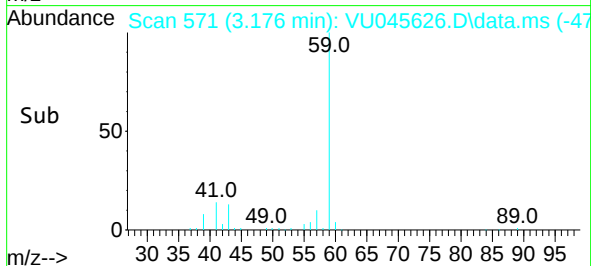
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



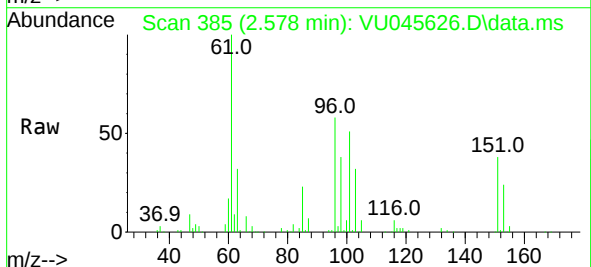
Tgt Ion: 59 Resp: 101010
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

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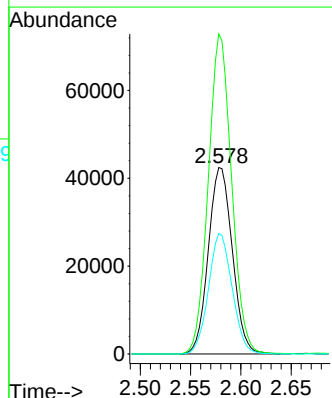
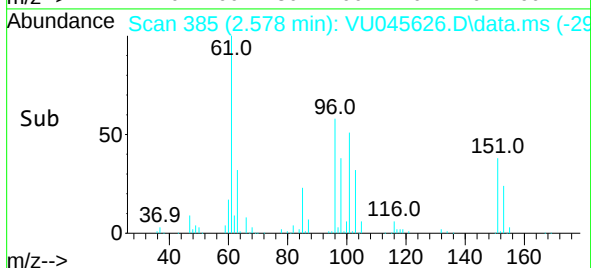
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

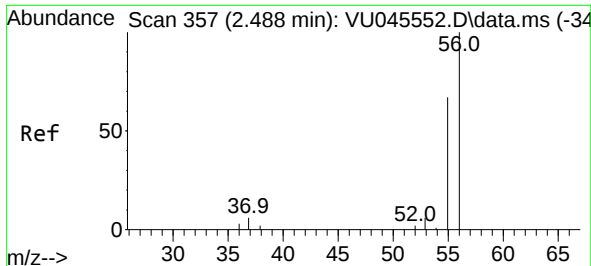


#12
1,1-Dichloroethene
Concen: 47.061 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



Tgt Ion: 96 Resp: 70557
Ion Ratio Lower Upper
96 100
61 171.7 137.1 205.7
98 64.6 51.5 77.3





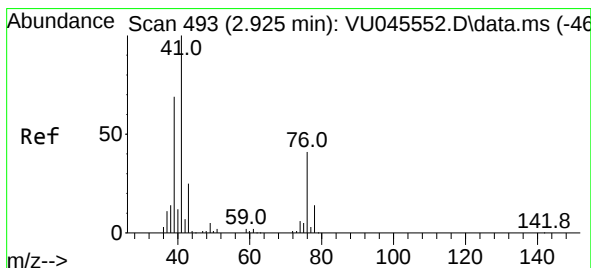
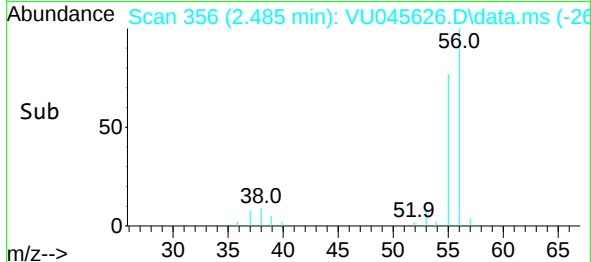
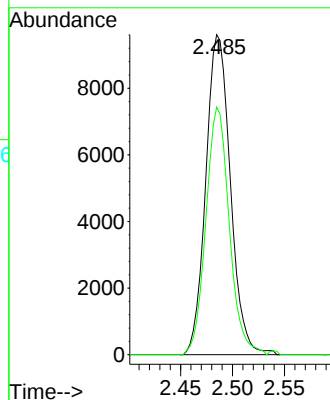
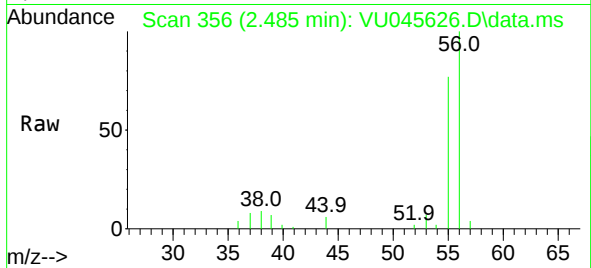
#13
Acrolein
Concen: 270.214 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD

Tgt Ion: 56 Resp: 15818
Ion Ratio Lower Upper
56 100
55 73.6 56.3 84.5

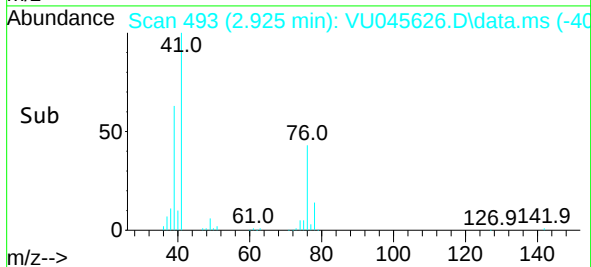
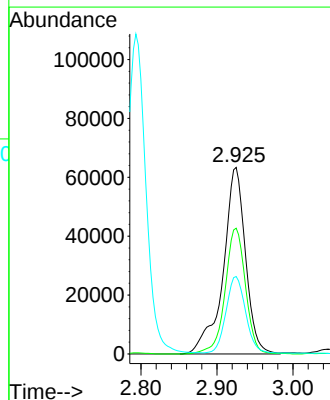
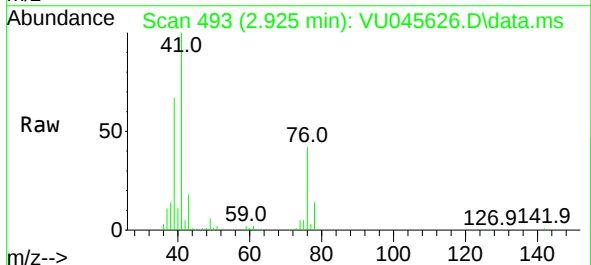
Manual Integrations
APPROVED

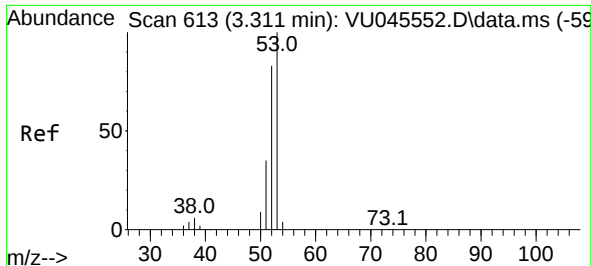
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#14
Allyl chloride
Concen: 48.483 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

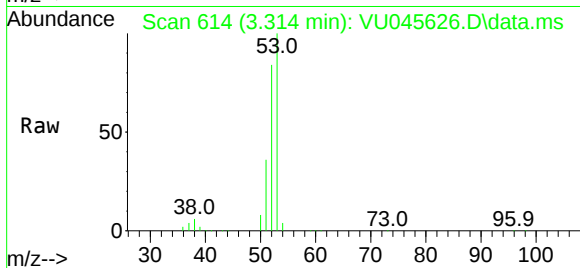
Tgt Ion: 41 Resp: 129793
Ion Ratio Lower Upper
41 100
39 61.4 49.7 74.5
76 35.9 27.7 41.5





#15
Acrylonitrile
Concen: 245.549 ug/l
RT: 3.314 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

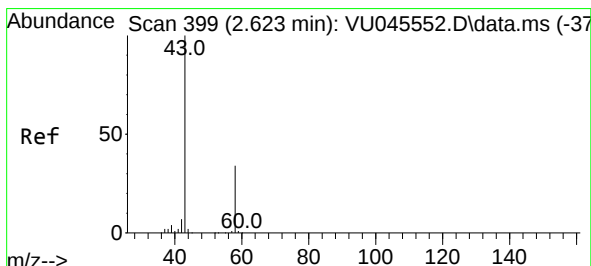
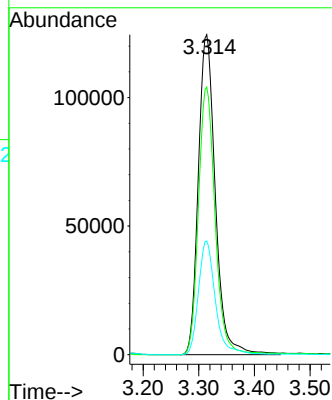
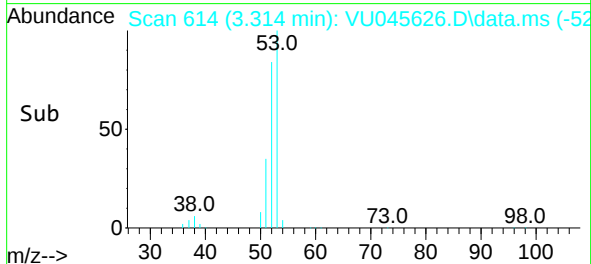
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion: 53 Resp: 26483
Ion Ratio Lower Upper
53 100
52 81.7 66.6 100.0
51 35.3 28.4 42.6

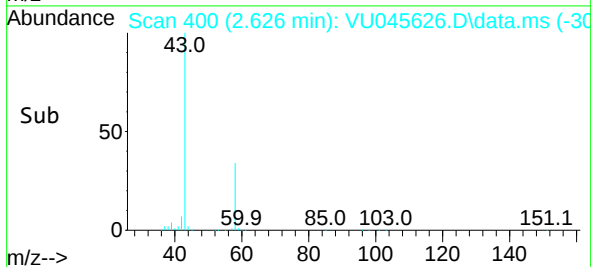
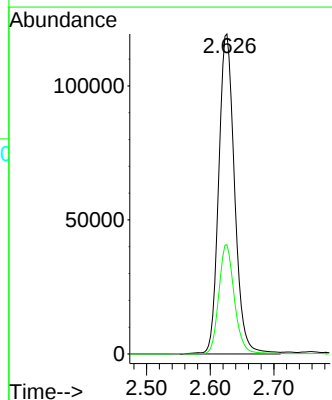
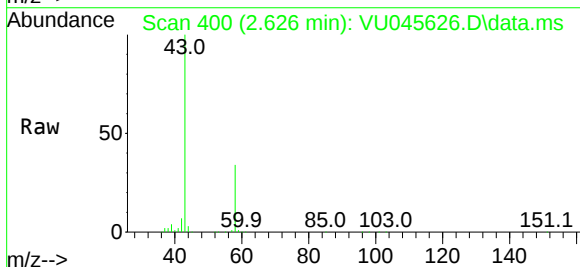
Manual Integrations
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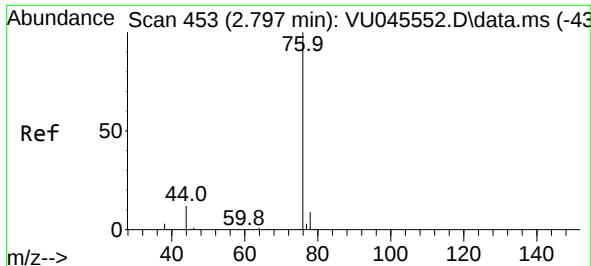
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#16
Acetone
Concen: 199.294 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

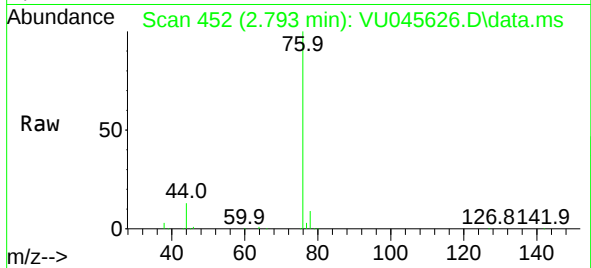
Tgt Ion: 43 Resp: 207049
Ion Ratio Lower Upper
43 100
58 34.1 26.2 39.2





#17
Carbon Disulfide
Concen: 45.401 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

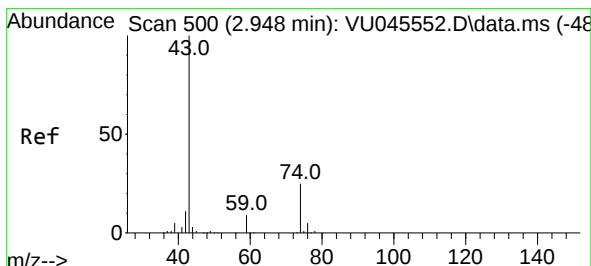
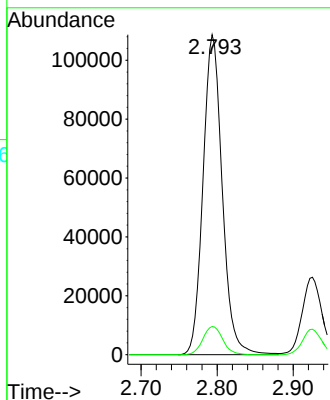
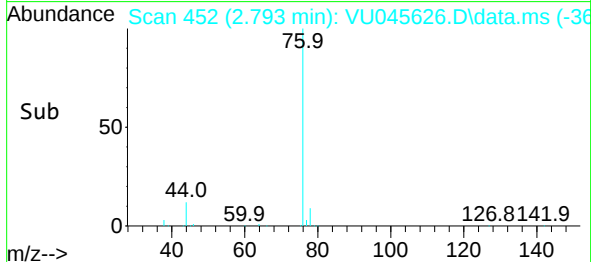
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion: 76 Resp: 190658
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

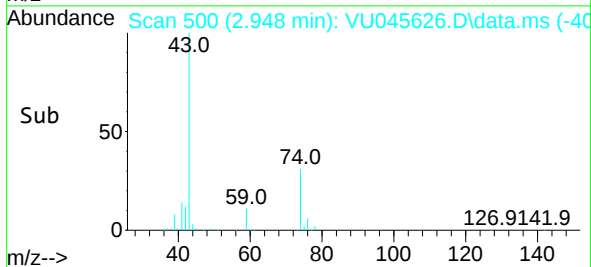
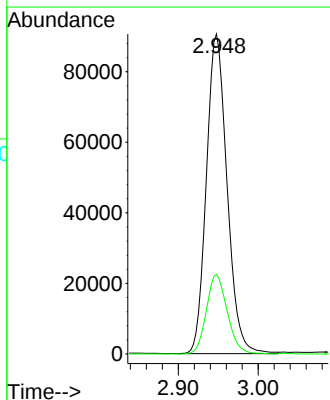
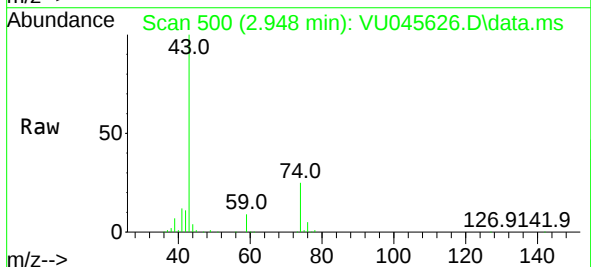
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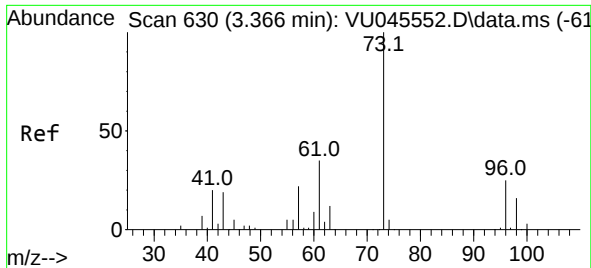
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#18
Methyl Acetate
Concen: 46.021 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

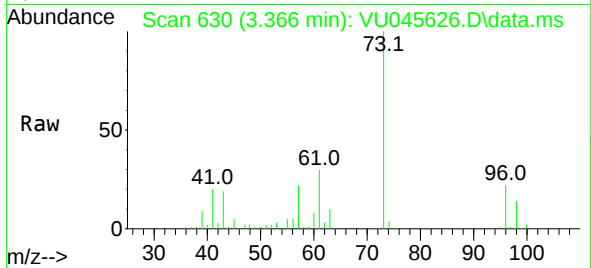
Tgt Ion: 43 Resp: 162847
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 50.277 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

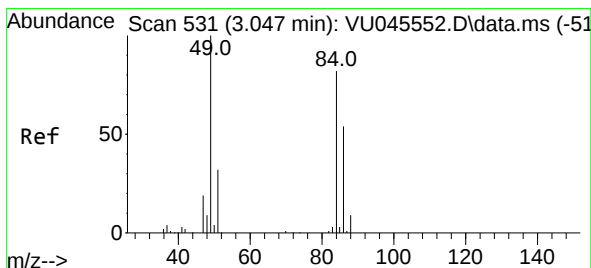
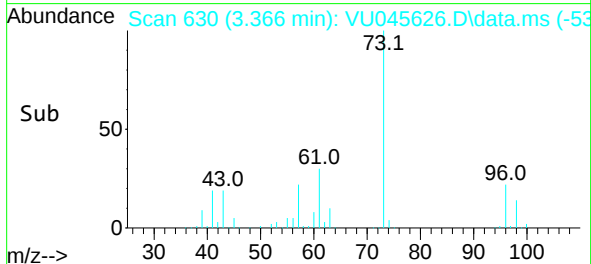
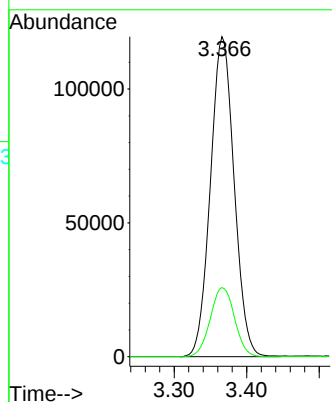
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion: 73 Resp: 271334
Ion Ratio Lower Upper
73 100
57 21.6 18.1 27.1

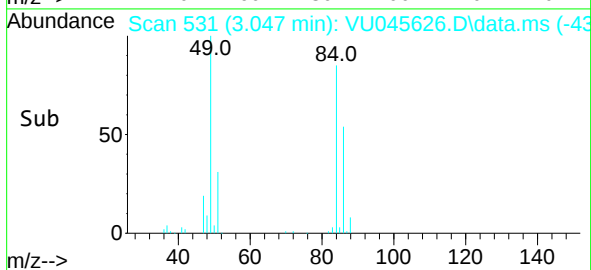
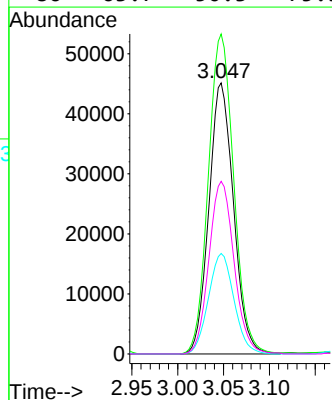
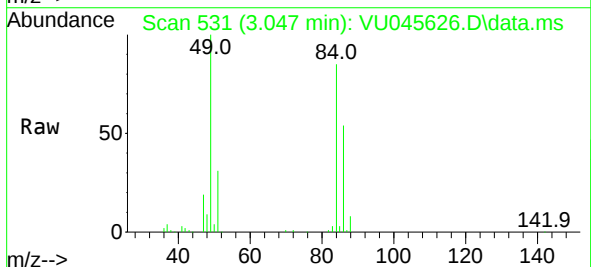
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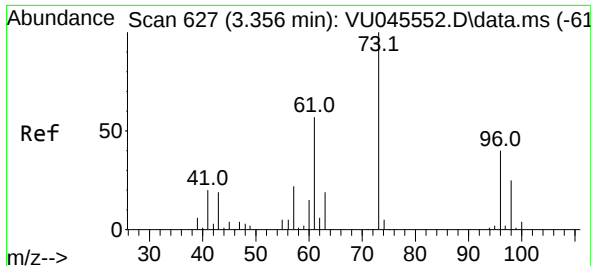
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#20
Methylene Chloride
Concen: 46.687 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

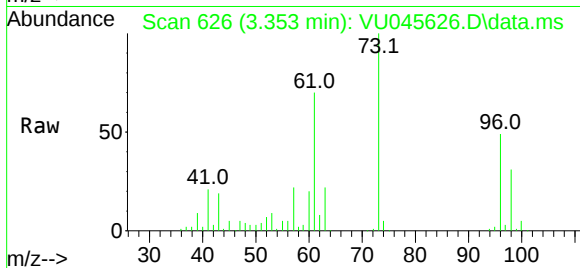
Tgt Ion: 84 Resp: 84279
Ion Ratio Lower Upper
84 100
49 118.1 96.4 144.6
51 37.1 30.5 45.7
86 63.7 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 49.020 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

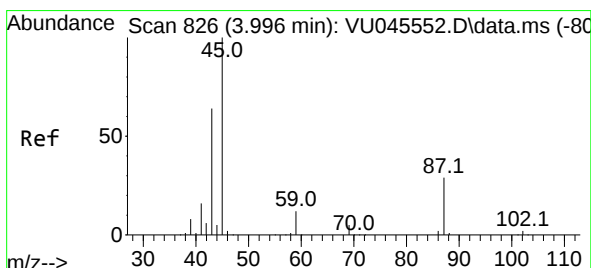
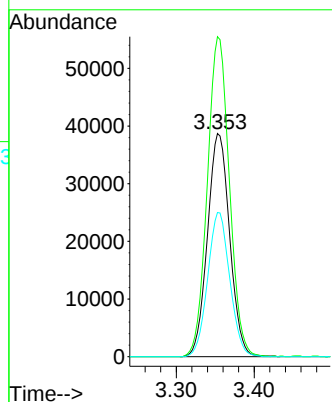
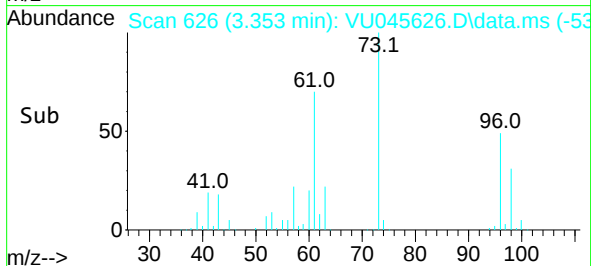
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion: 96 Resp: 76459
Ion Ratio Lower Upper
96 100
61 143.4 118.2 177.4
98 64.6 52.1 78.1

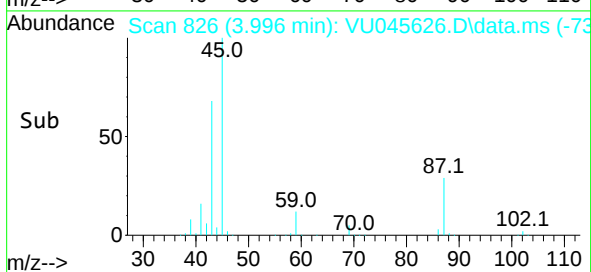
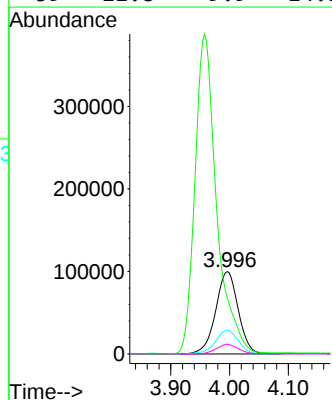
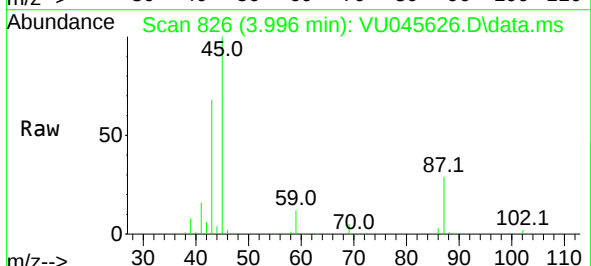
Manual Integrations
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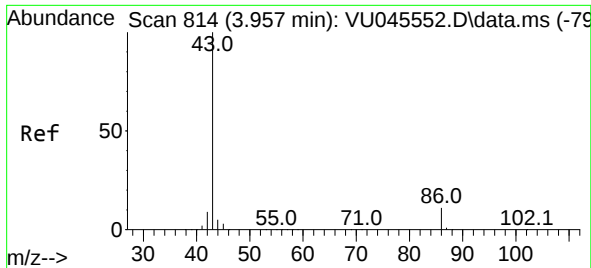
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#22
Diisopropyl ether
Concen: 50.583 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

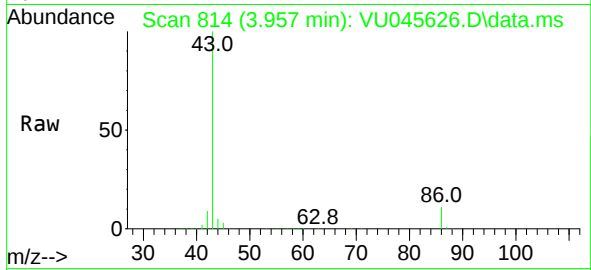
Tgt Ion: 45 Resp: 265888
Ion Ratio Lower Upper
45 100
43 66.9 60.0 90.0
87 28.9 22.3 33.5
59 11.8 9.9 14.9





#23
 Vinyl Acetate
 Concen: 245.255 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045626.D
 Acq: 08 Nov 2021 19:22

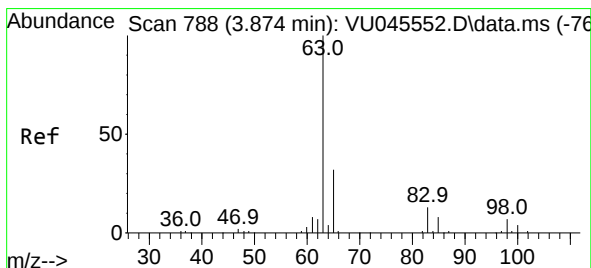
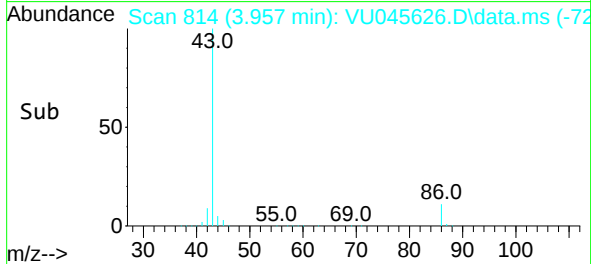
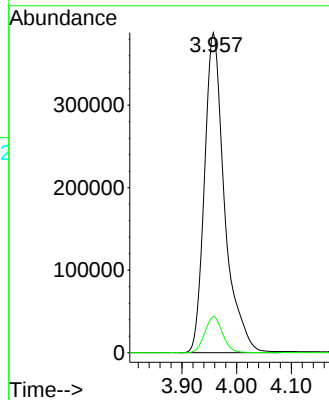
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-498-500MSD



Tgt Ion: 43 Resp: 991517
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3

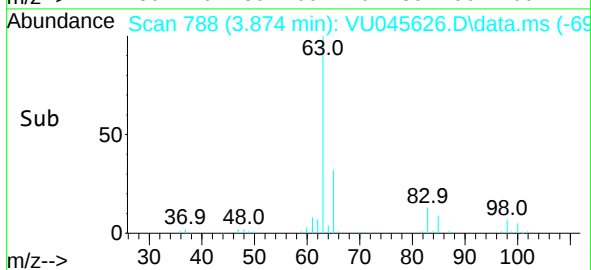
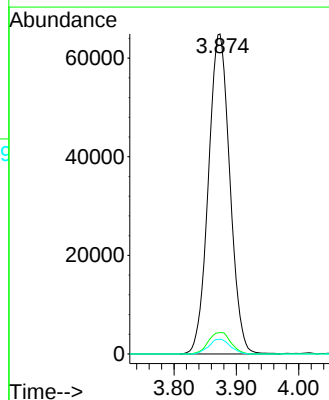
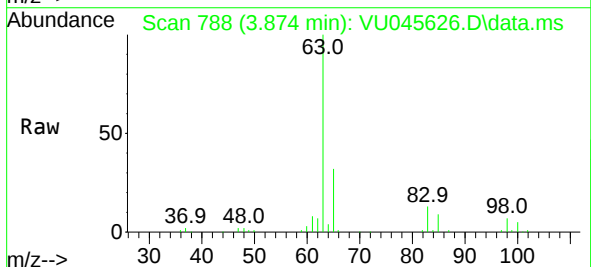
Manual Integrations
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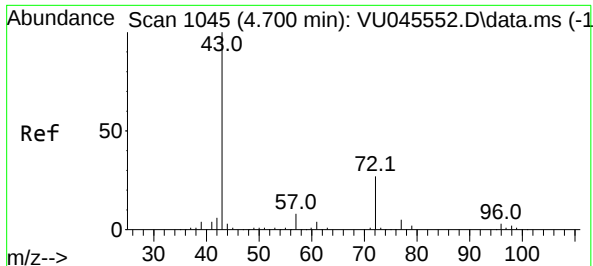
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#24
 1,1-Dichloroethane
 Concen: 49.485 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045626.D
 Acq: 08 Nov 2021 19:22

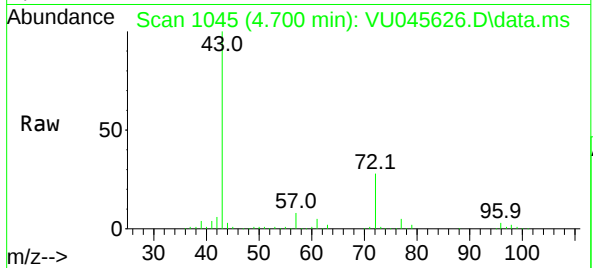
Tgt Ion: 63 Resp: 155006
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 237.657 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

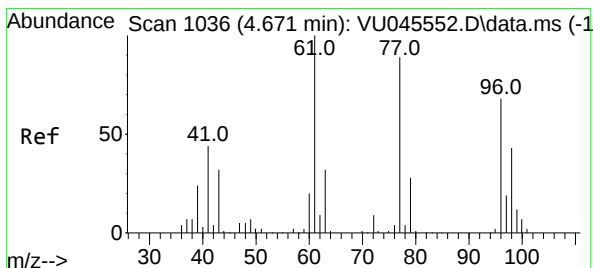
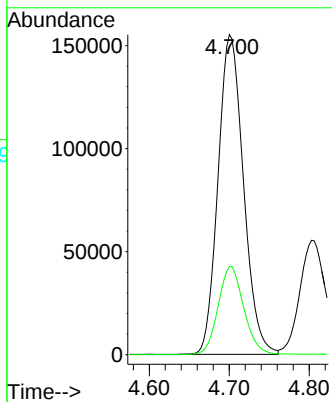
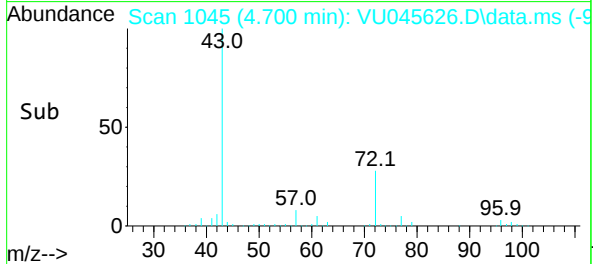
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion: 43 Resp: 342448
Ion Ratio Lower Upper
43 100
72 27.6 22.0 33.0

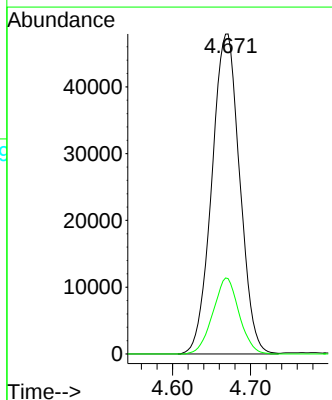
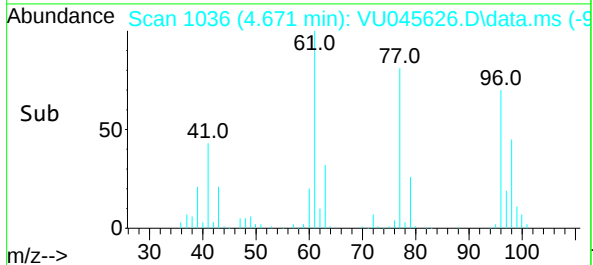
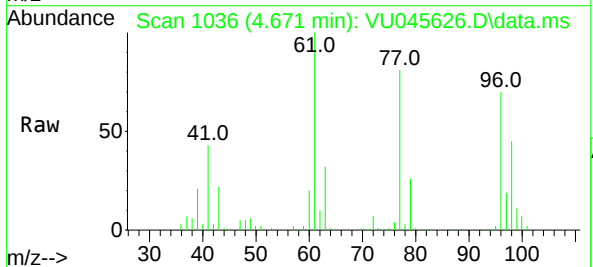
Manual Integrations
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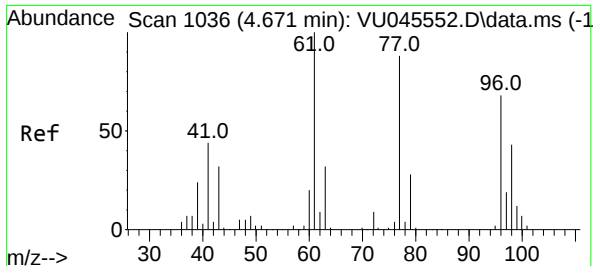
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#26
2,2-Dichloropropane
Concen: 45.874 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

Tgt Ion: 77 Resp: 119072
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.110 ug/l

RT: 4.668 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-498-500MSD

Tgt Ion: 96 Resp: 91800

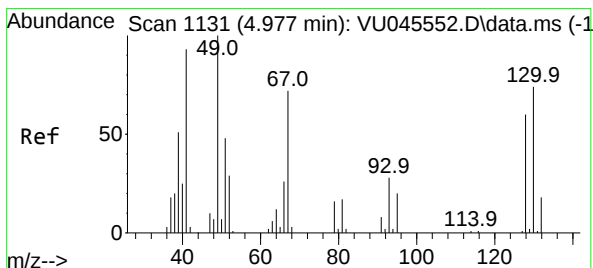
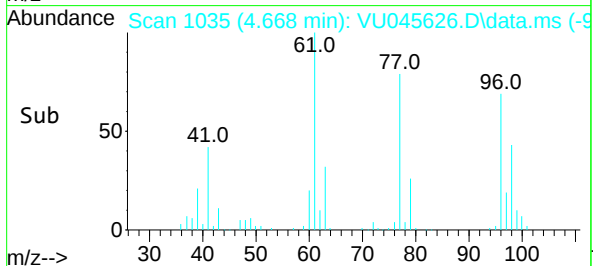
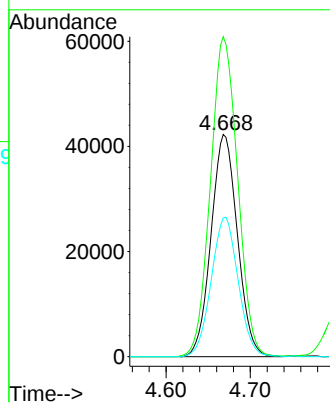
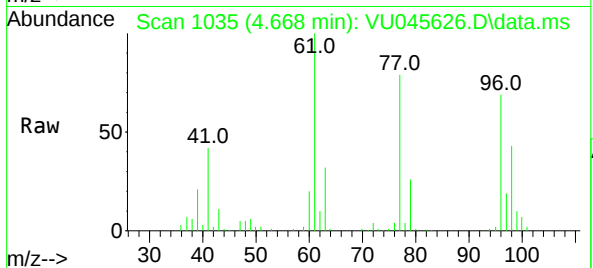
Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	299.2
98	64.2	0.0	127.6

Manual Integrations

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Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#28

Bromochloromethane

Concen: 44.531 ug/l

RT: 4.977 min Scan# 1131

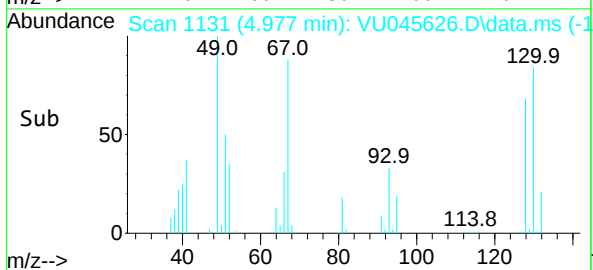
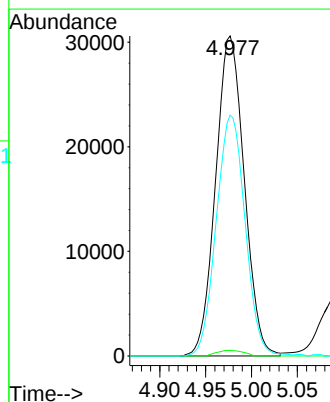
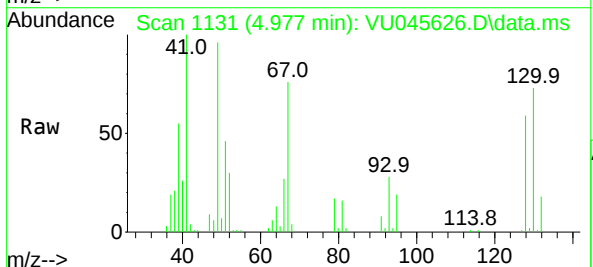
Delta R.T. 0.000 min

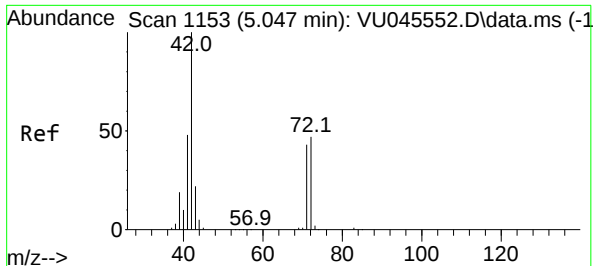
Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Tgt Ion: 49 Resp: 66500

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	75.7	57.5	86.3





#29

Tetrahydrofuran

Concen: 248.517 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

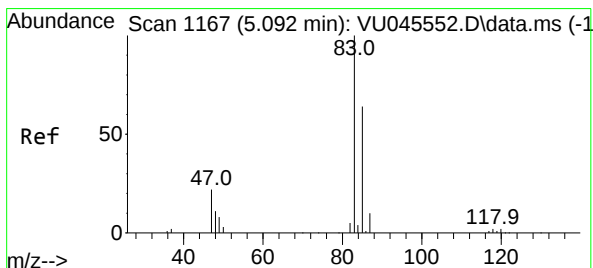
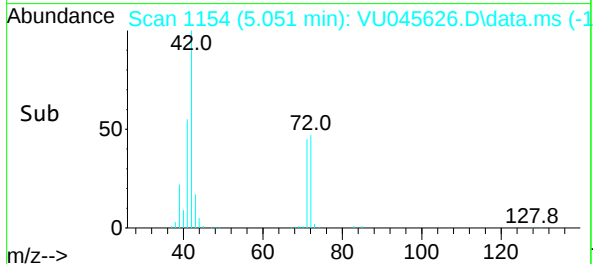
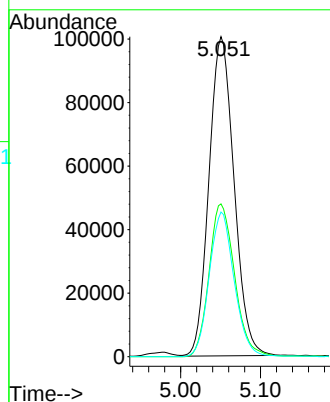
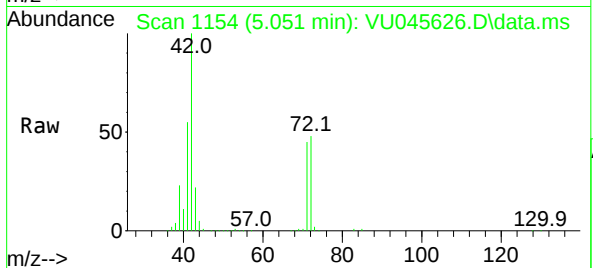
BP-VPB-RW9-498-500MSD

Tgt Ion: 42 Resp: 21904

Ion	Ratio	Lower	Upper
42	100		
72	48.8	38.2	57.4
71	45.0	35.4	53.2

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Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#30

Chloroform

Concen: 50.175 ug/l

RT: 5.092 min Scan# 1167

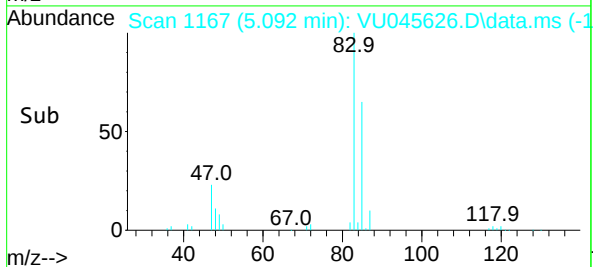
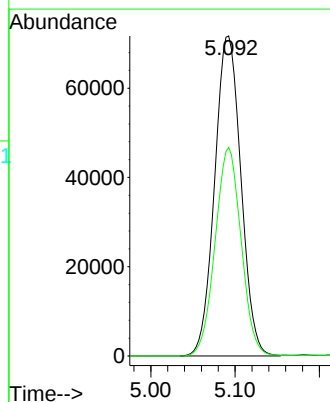
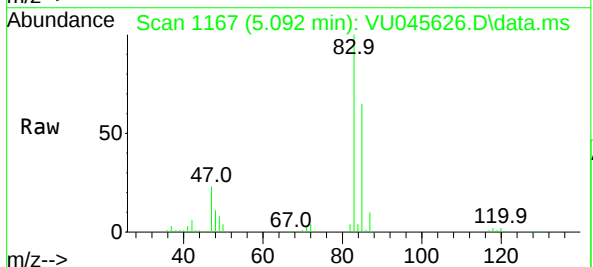
Delta R.T. 0.000 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Tgt Ion: 83 Resp: 155437

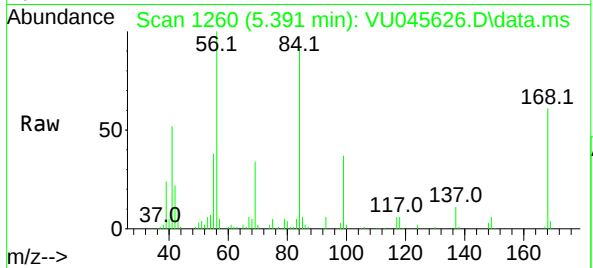
Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.0	78.0





#31
Cyclohexane
Concen: 45.359 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

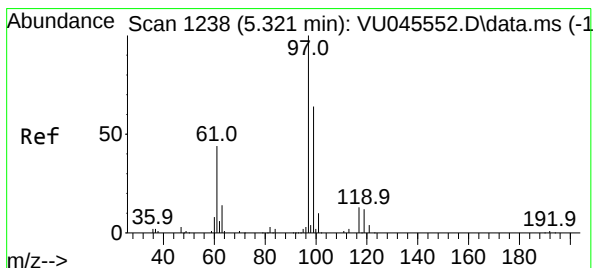
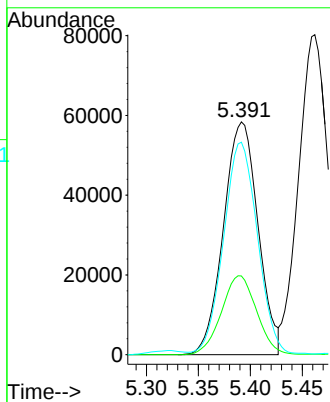
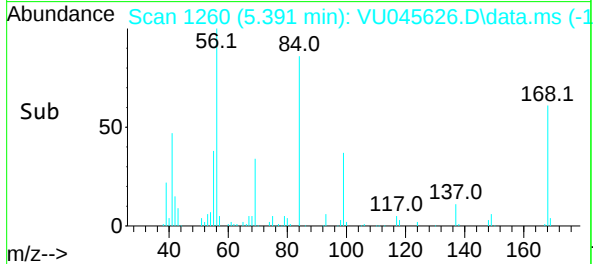
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



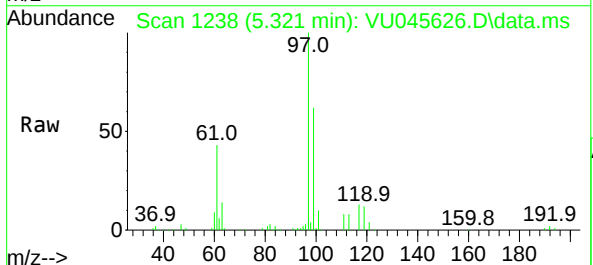
Tgt Ion: 56 Resp: 135072
Ion Ratio Lower Upper
56 100
69 33.8 26.4 39.6
84 89.9 68.4 102.6

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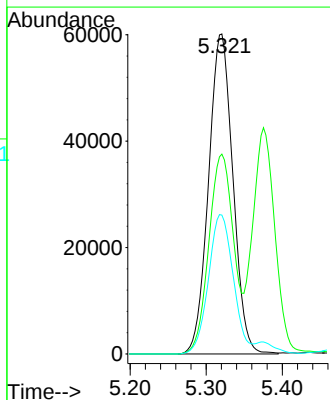
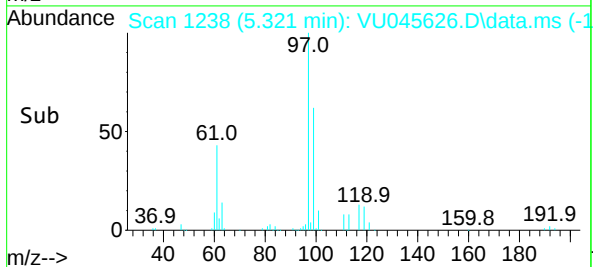
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

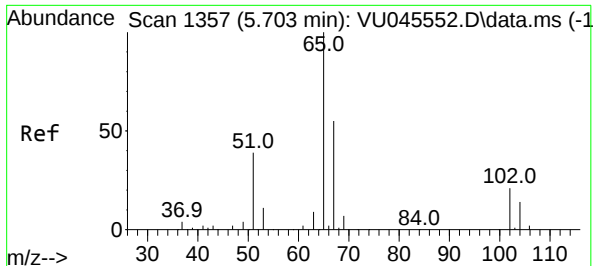


#32
1,1,1-Trichloroethane
Concen: 50.686 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



Tgt Ion: 97 Resp: 133903
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 44.6 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 46.012 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-498-500MSD

Tgt Ion: 65 Resp: 93900

Ion Ratio Lower Upper

65 100

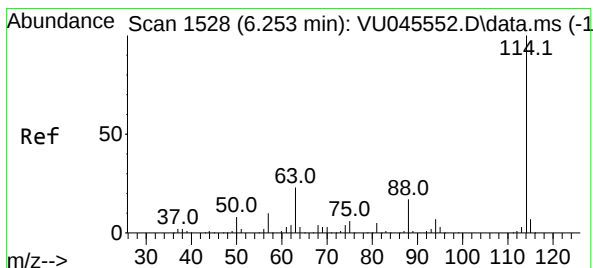
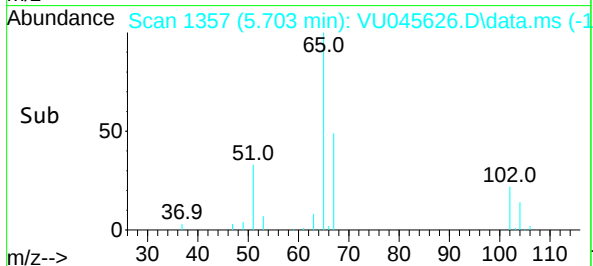
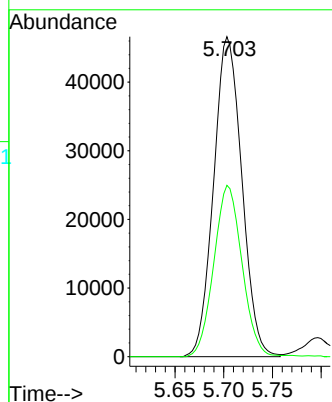
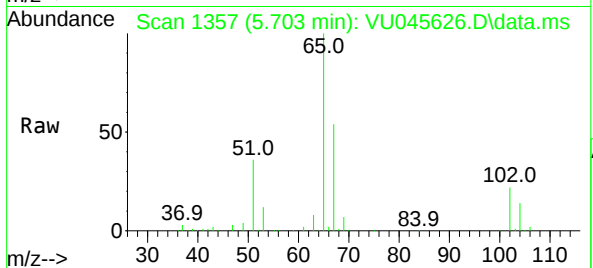
67 53.3 0.0 105.8

Manual Integrations

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Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

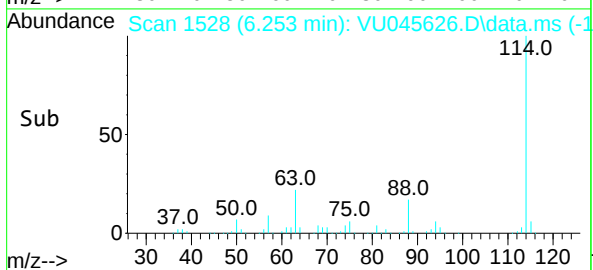
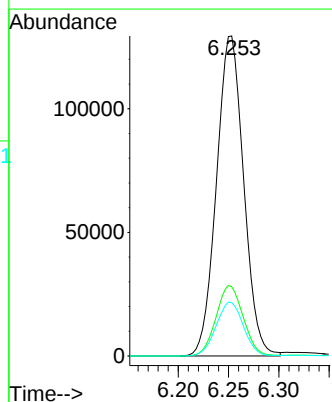
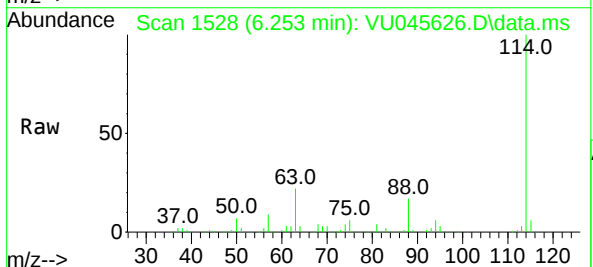
Tgt Ion:114 Resp: 243435

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.6

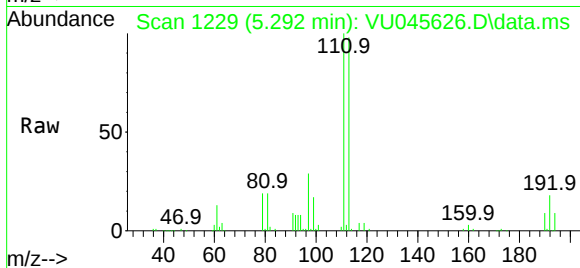
88 16.7 0.0 33.8





#35
Dibromofluoromethane
Concen: 45.656 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

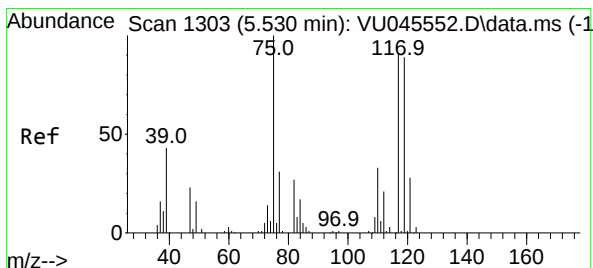
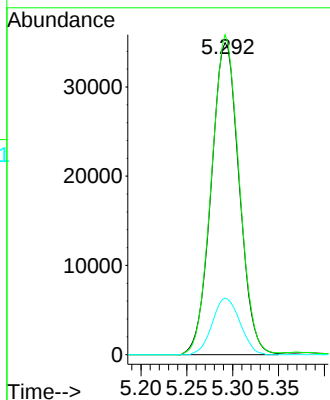
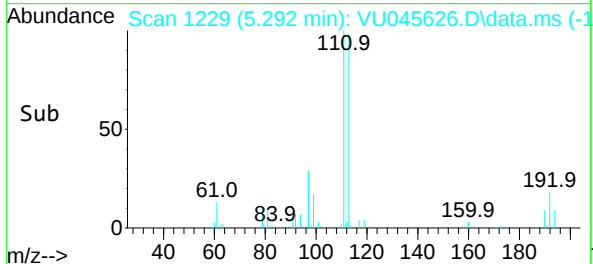
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion: 113 Resp: 74204
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 18.0 14.8 22.2

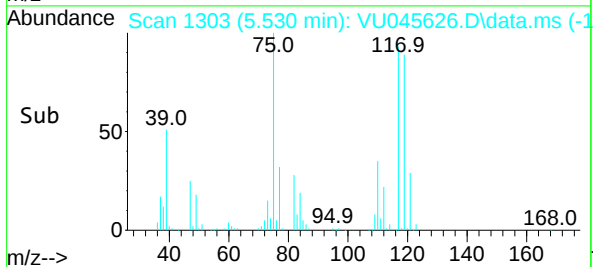
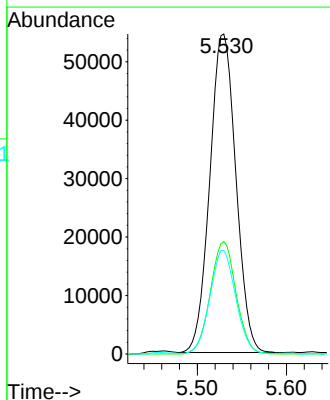
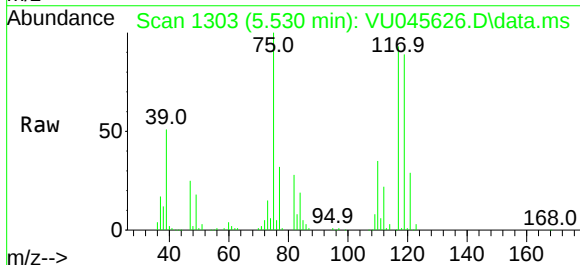
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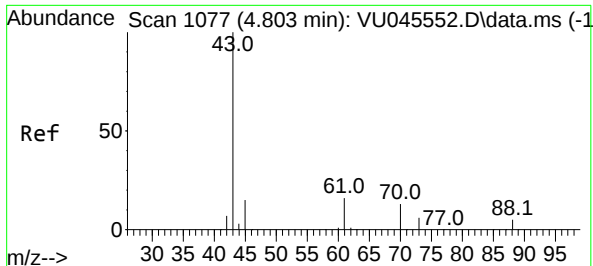
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#36
1,1-Dichloropropene
Concen: 46.710 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

Tgt Ion: 75 Resp: 110875
Ion Ratio Lower Upper
75 100
110 34.9 16.7 50.0
77 32.2 25.0 37.4





#37

Ethyl Acetate

Concen: 46.282 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

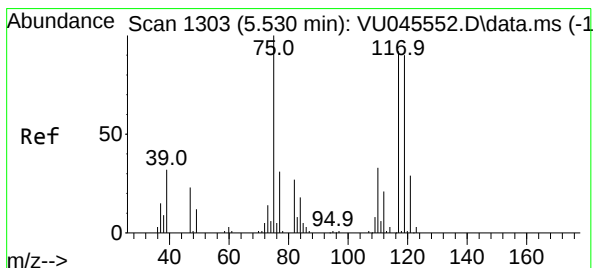
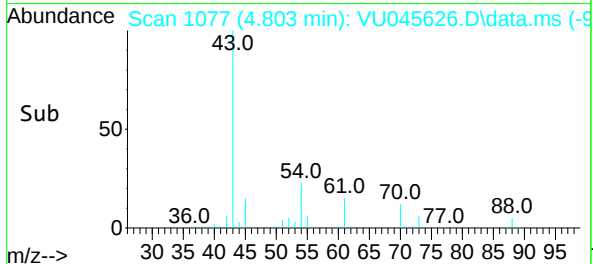
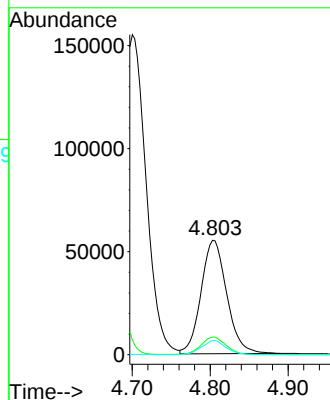
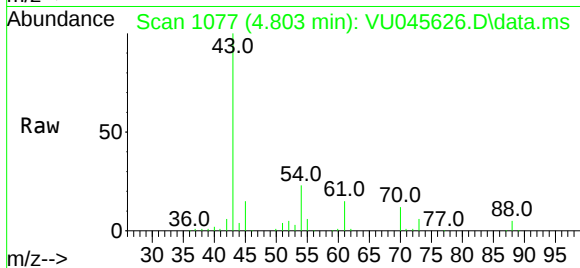
BP-VPB-RW9-498-500MSD

Tgt Ion: 43 Resp: 126190

Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.6	17.4
70	11.7	9.1	13.7

Manual Integrations
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Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#38

Carbon Tetrachloride

Concen: 47.204 ug/l

RT: 5.526 min Scan# 1302

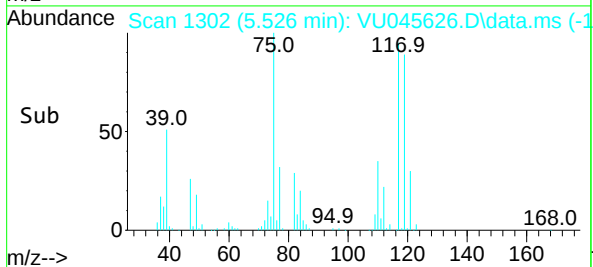
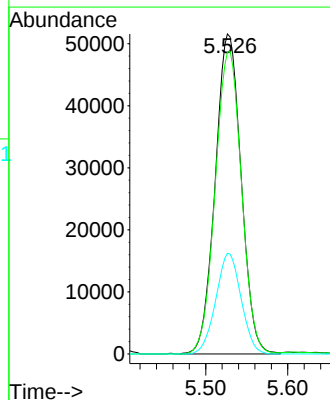
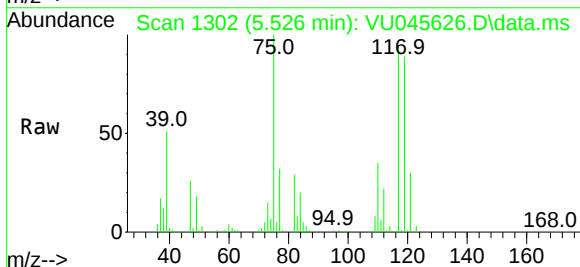
Delta R.T. -0.003 min

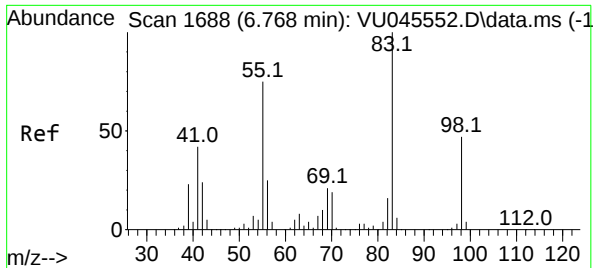
Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Tgt Ion:117 Resp: 112963

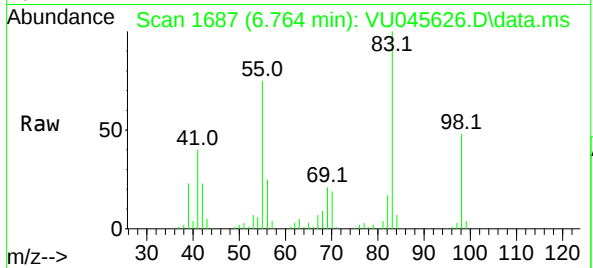
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
121	31.4	24.8	37.2





#39
Methylcyclohexane
Concen: 44.702 ug/l
RT: 6.764 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

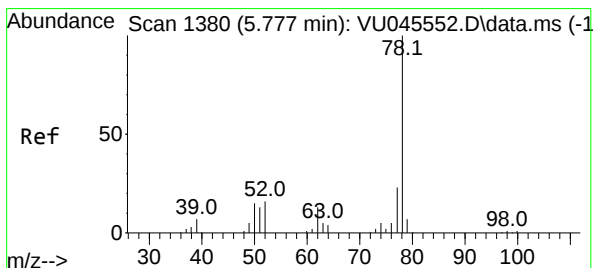
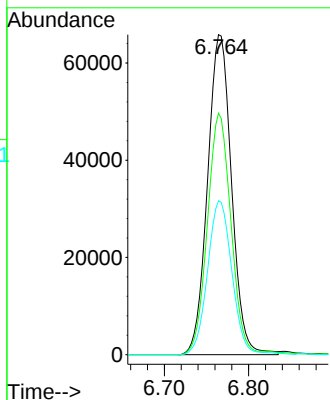
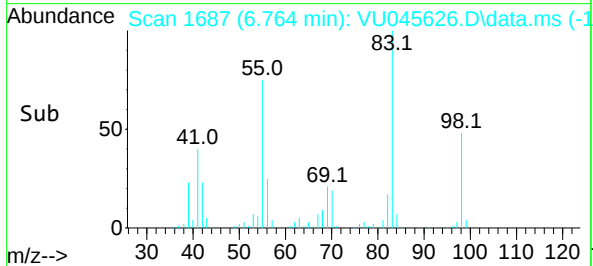
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion: 83 Resp: 130172
Ion Ratio Lower Upper
83 100
55 75.4 63.6 95.4
98 48.1 37.1 55.7

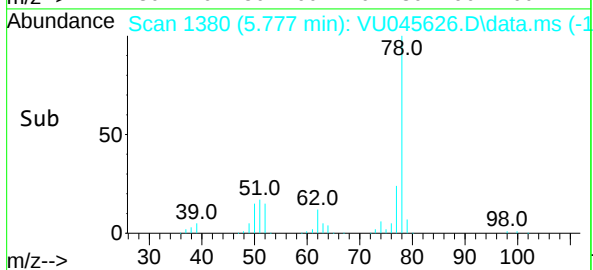
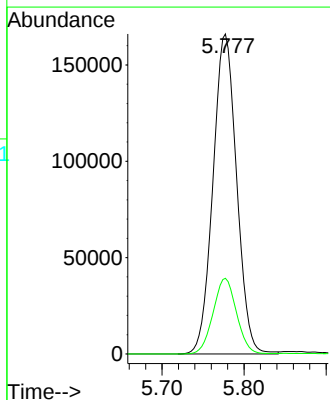
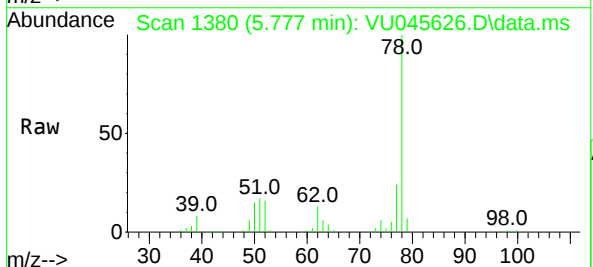
Manual Integrations
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Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#40
Benzene
Concen: 47.405 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

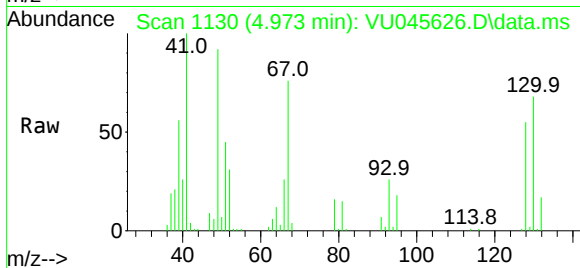
Tgt Ion: 78 Resp: 333146
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 49.890 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

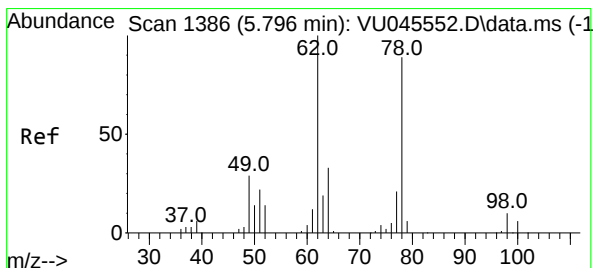
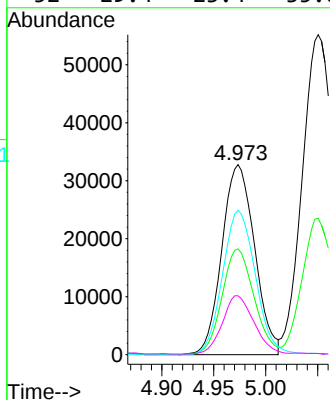
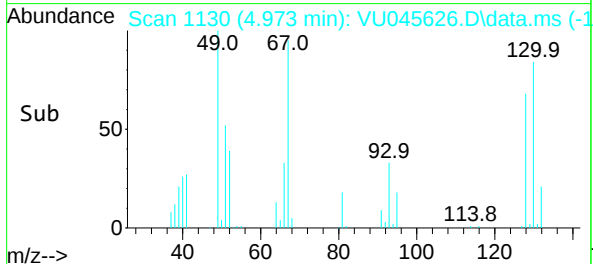
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



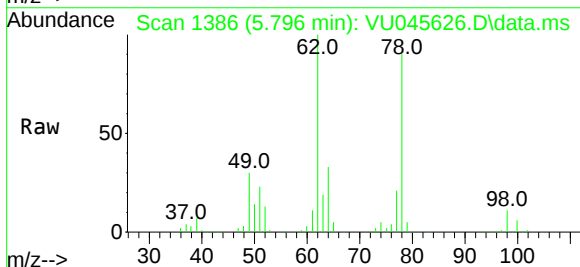
Tgt Ion: 41 Resp: 71889
Ion Ratio Lower Upper
41 100
39 54.5 43.4 65.0
67 76.1 61.0 91.4
52 29.4 23.4 35.0

Manual Integrations
APPROVED

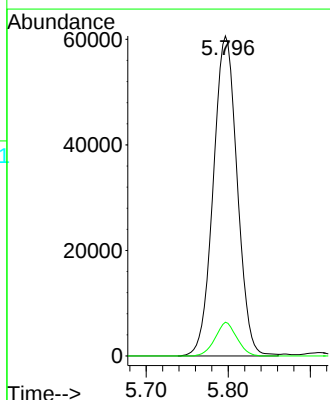
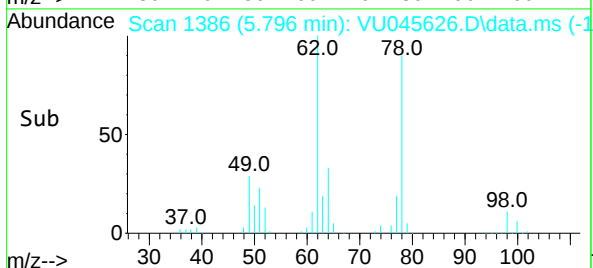
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

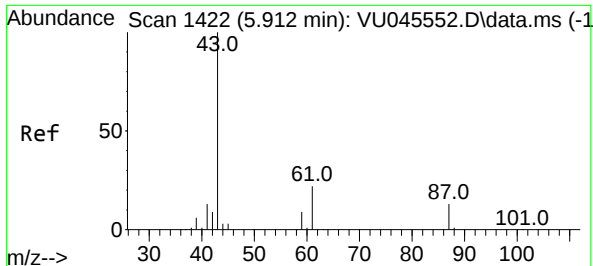


#42
1,2-Dichloroethane
Concen: 48.486 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



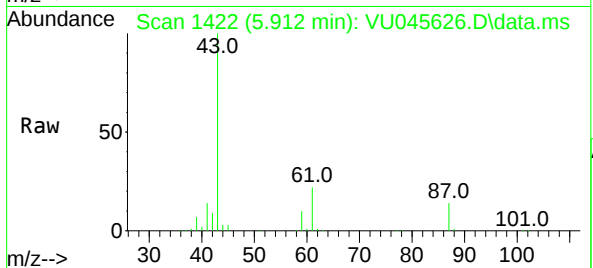
Tgt Ion: 62 Resp: 123078
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43
Isopropyl Acetate
Concen: 48.054 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

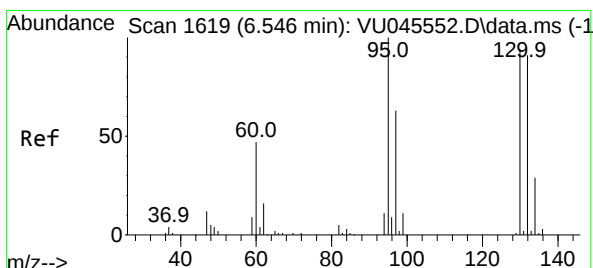
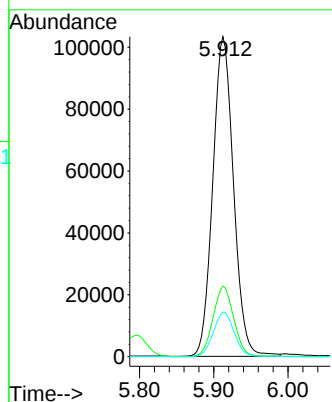
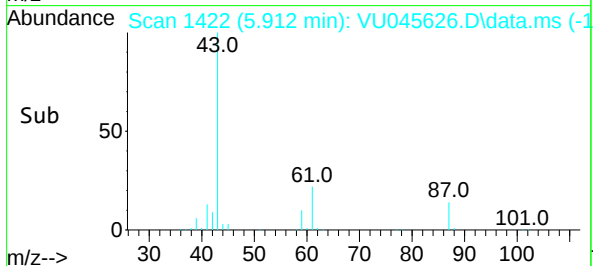
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



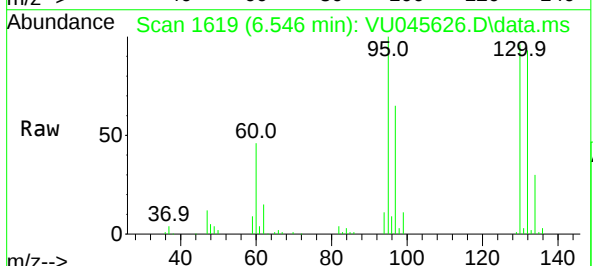
Tgt Ion: 43 Resp: 20041
Ion Ratio Lower Upper
43 100
61 22.1 16.9 25.3
87 14.1 11.0 16.4

Manual Integrations
APPROVED

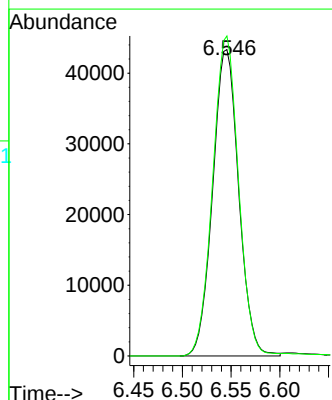
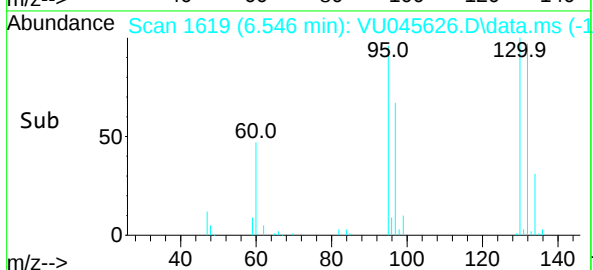
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#44
Trichloroethene
Concen: 47.901 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



Tgt Ion:130 Resp: 80578
Ion Ratio Lower Upper
130 100
95 104.4 0.0 211.4





#45

1,2-Dichloropropane

Concen: 48.735 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-498-500MSD

Tgt Ion: 63 Resp: 9062

Ion Ratio Lower Upper

63 100

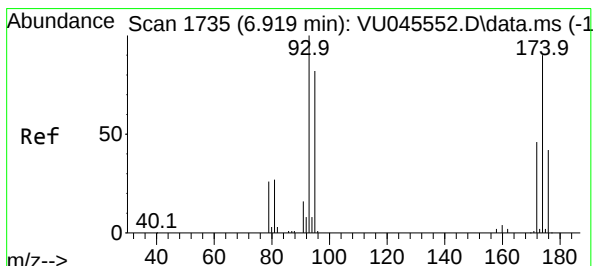
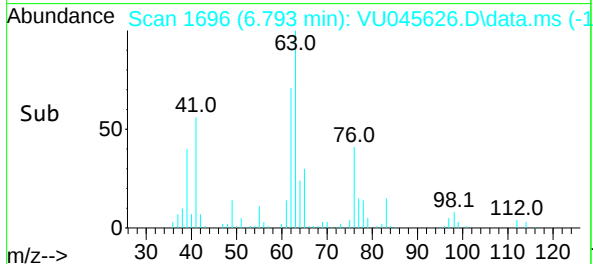
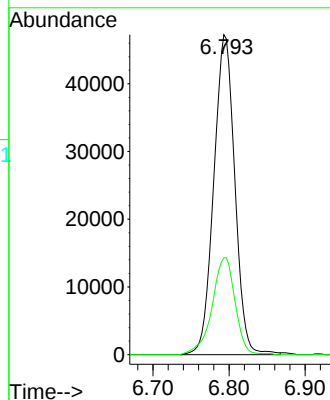
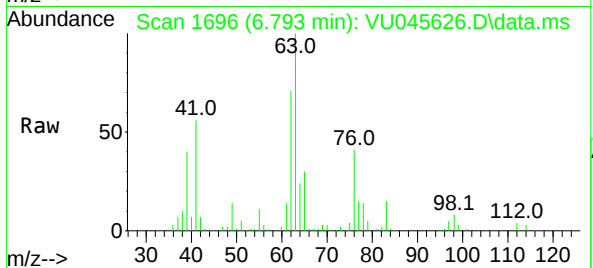
65 30.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#46

Dibromomethane

Concen: 48.271 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

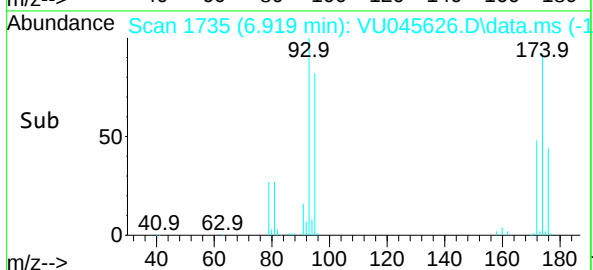
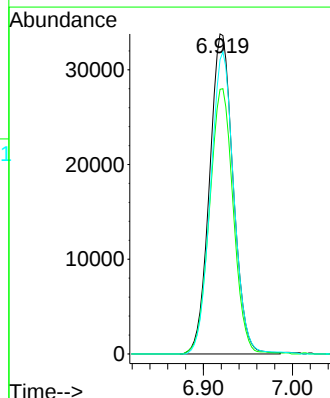
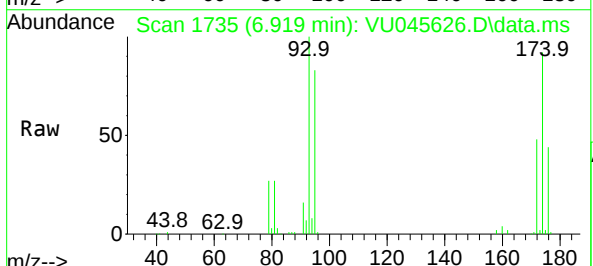
Tgt Ion: 93 Resp: 62193

Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

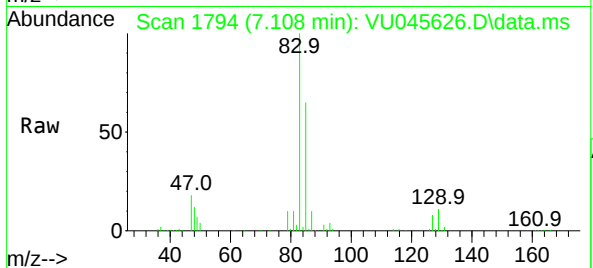
174 93.3 71.0 106.6





#47
Bromodichloromethane
Concen: 49.803 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

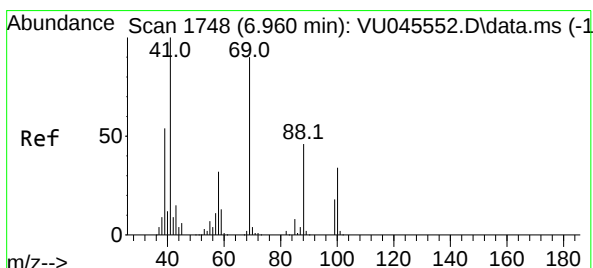
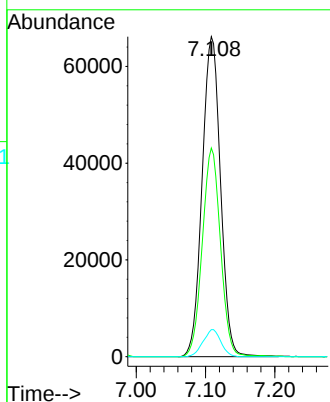
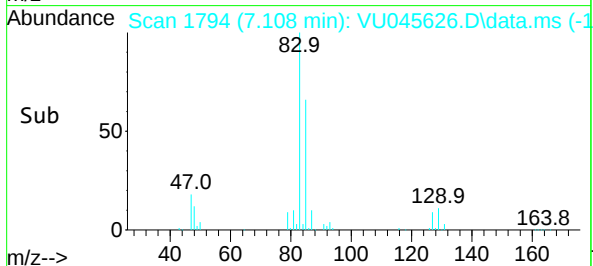
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



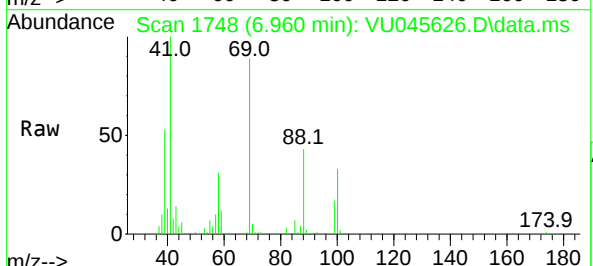
Tgt Ion: 83 Resp: 12175
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 8.5 6.2 9.2

Manual Integrations
APPROVED

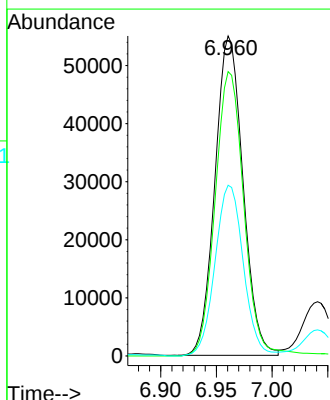
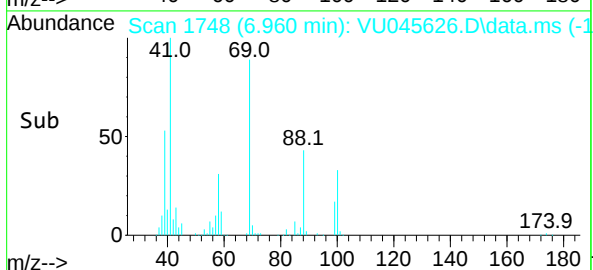
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

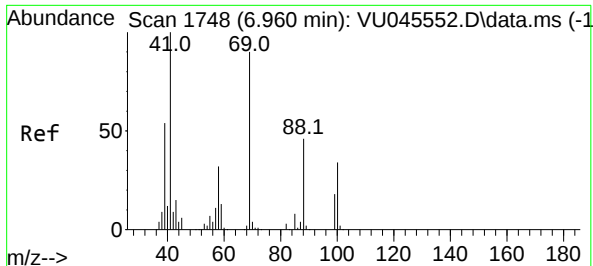


#48
Methyl methacrylate
Concen: 50.159 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



Tgt Ion: 41 Resp: 96284
Ion Ratio Lower Upper
41 100
69 92.0 70.2 105.2
39 53.9 43.9 65.9





#49

1,4-Dioxane

Concen: 939.065 ug/l

RT: 6.964 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Instrument :

MSVOA_U

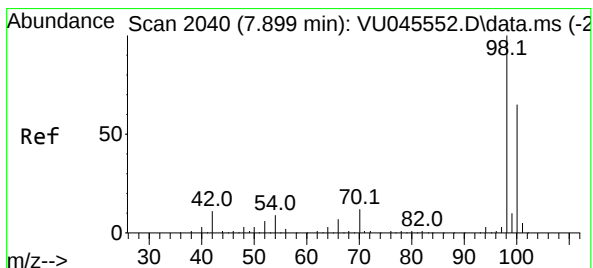
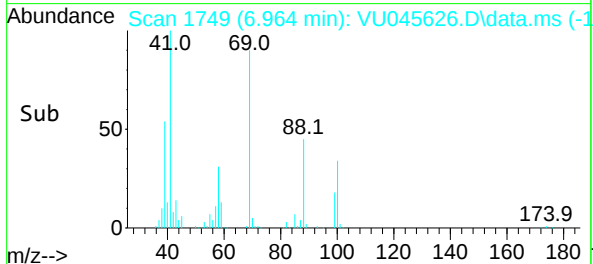
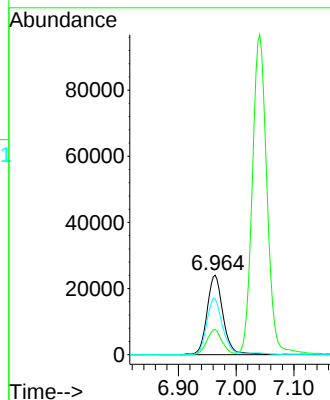
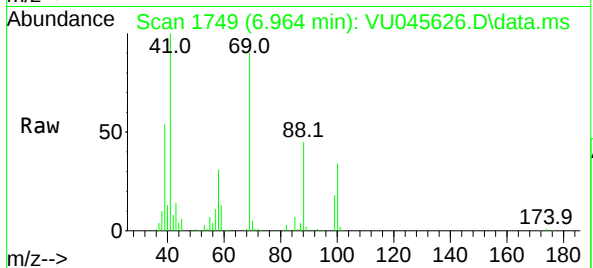
ClientSampleId :

BP-VPB-RW9-498-500MSD

Tgt Ion: 88 Resp: 4635
 Ion Ratio Lower Upper
 88 100
 43 30.3 0.0 0.0
 58 69.9 58.7 88.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#50

Toluene-d8

Concen: 45.741 ug/l

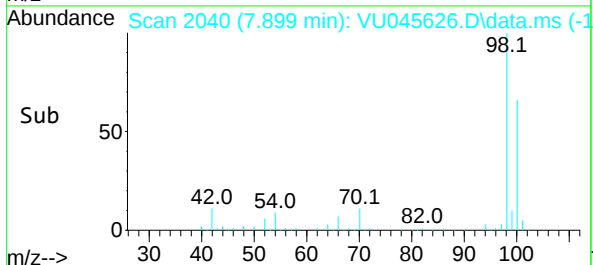
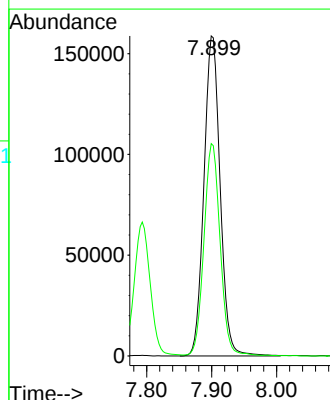
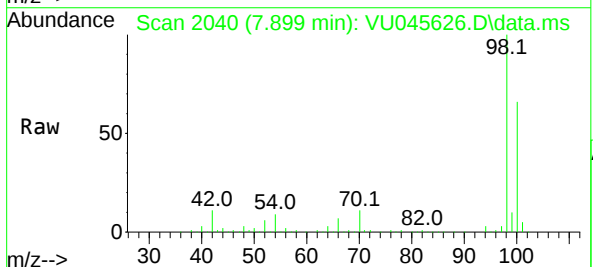
RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Tgt Ion: 98 Resp: 276440
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 248.062 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-498-500MSD

Tgt Ion: 43 Resp: 68245

Ion Ratio Lower Upper

43 100

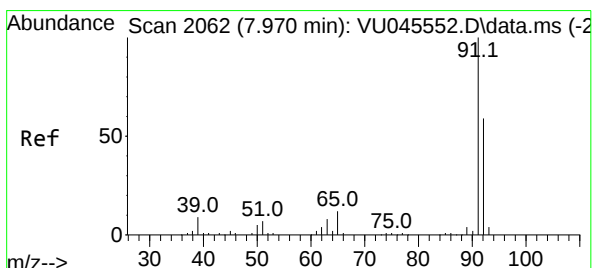
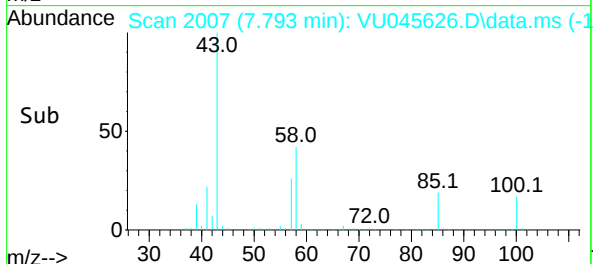
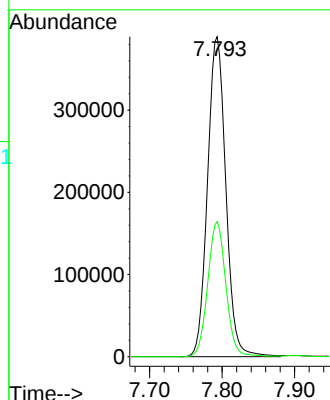
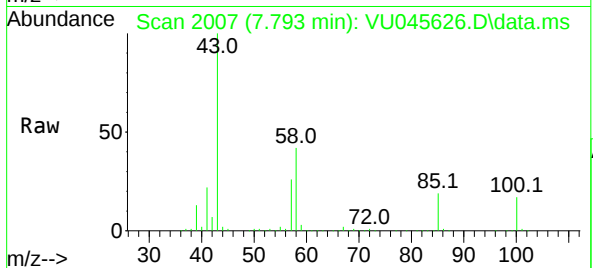
58 41.8 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#52

Toluene

Concen: 49.505 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045626.D

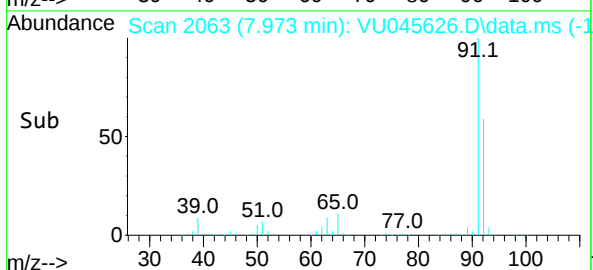
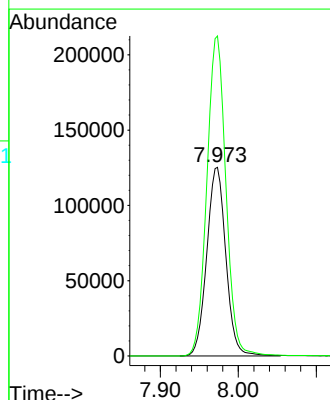
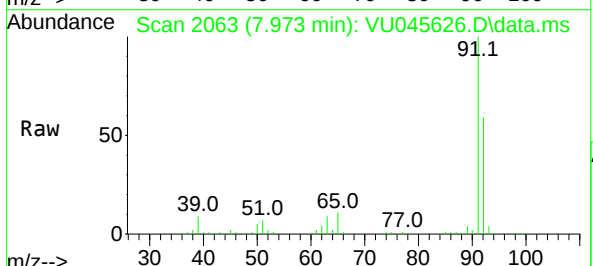
Acq: 08 Nov 2021 19:22

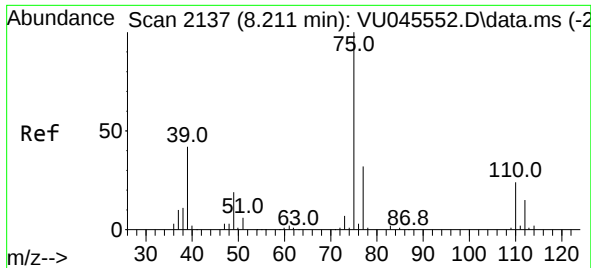
Tgt Ion: 92 Resp: 212995

Ion Ratio Lower Upper

92 100

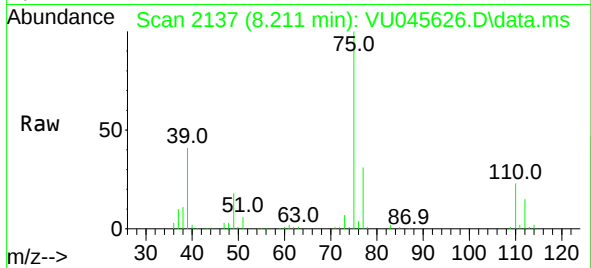
91 169.7 135.6 203.4





#53
t-1,3-Dichloropropene
Concen: 49.196 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

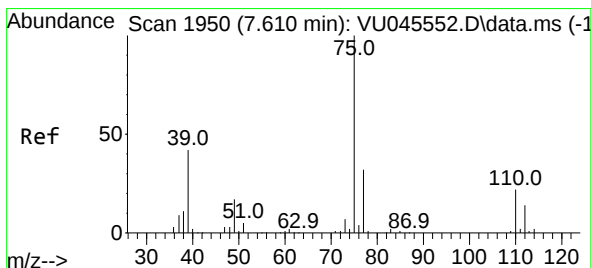
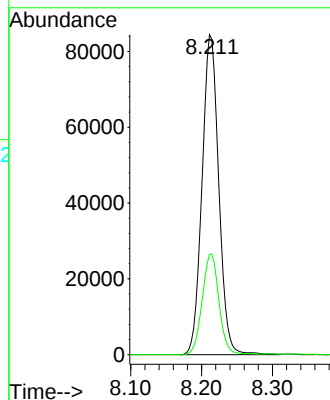
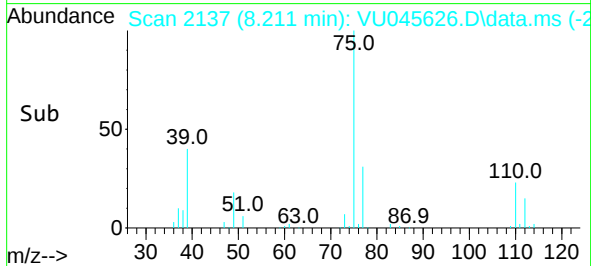
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



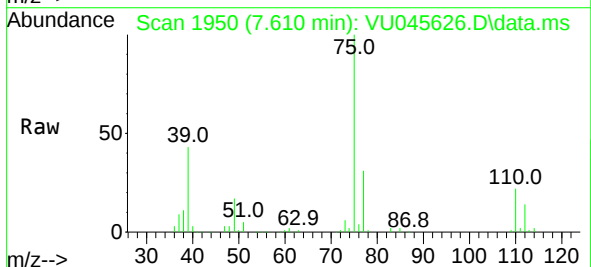
Tgt Ion: 75 Resp: 13822
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8

Manual Integrations
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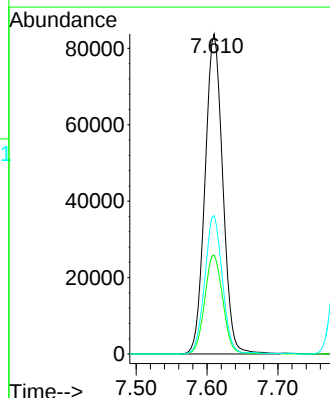
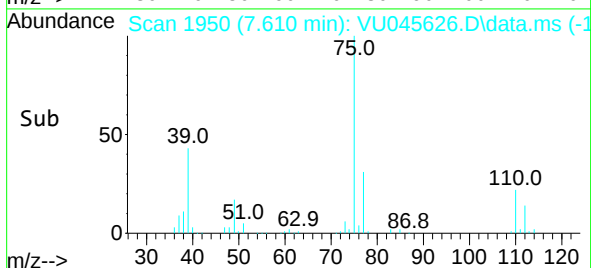
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#54
cis-1,3-Dichloropropene
Concen: 48.908 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



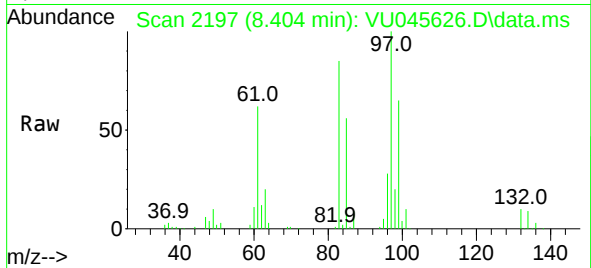
Tgt Ion: 75 Resp: 145953
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0
39 43.3 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 49.433 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

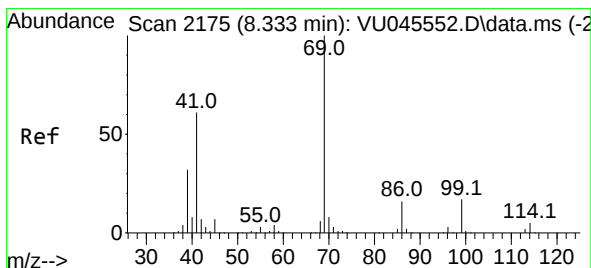
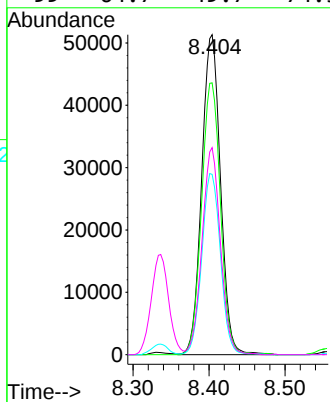
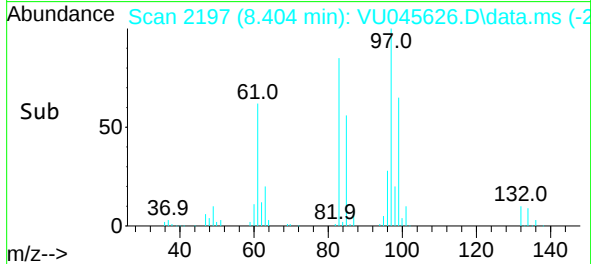
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



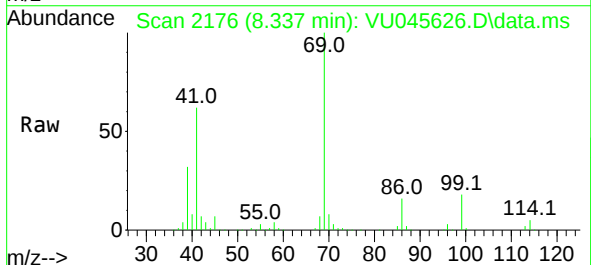
Tgt Ion: 97 Resp: 8814
Ion Ratio Lower Upper
97 100
83 84.9 70.3 105.5
85 56.4 45.5 68.3
99 64.7 49.7 74.5

Manual Integrations
APPROVED

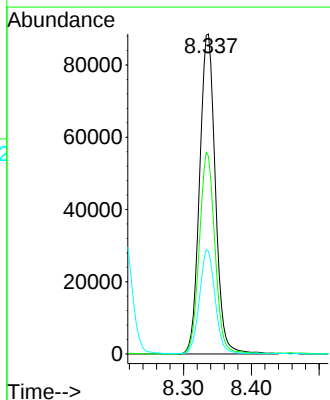
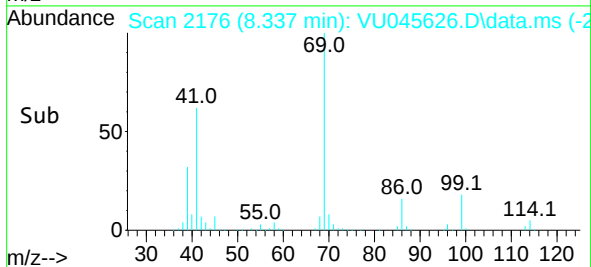
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

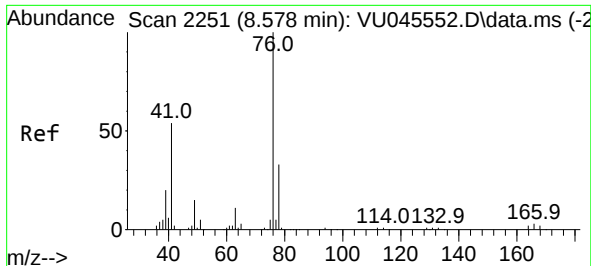


#56
Ethyl methacrylate
Concen: 44.989 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



Tgt Ion: 69 Resp: 143076
Ion Ratio Lower Upper
69 100
41 62.5 51.0 76.4
39 31.9 26.6 39.8





#57

1,3-Dichloropropane

Concen: 49.097 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-498-500MSD

Tgt Ion: 76 Resp: 15768

Ion Ratio Lower Upper

76 100

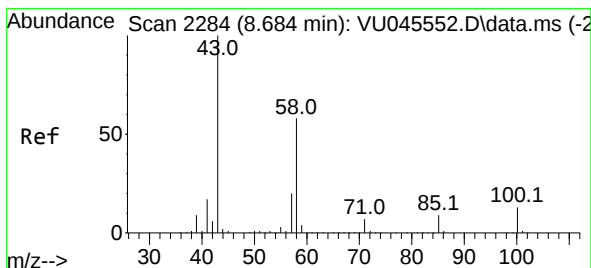
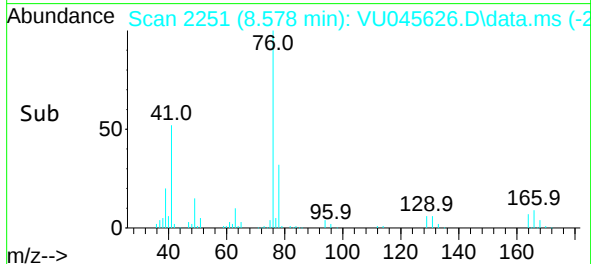
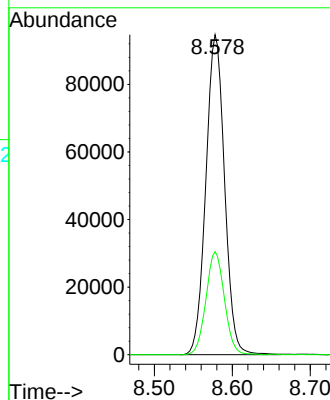
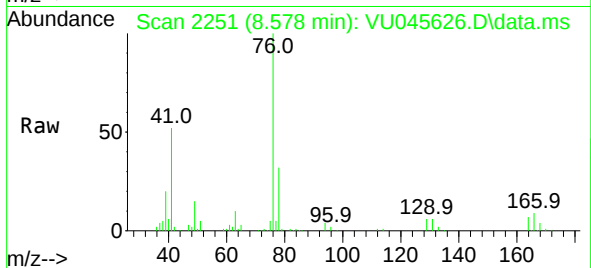
78 31.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#59

2-Hexanone

Concen: 217.853 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU045626.D

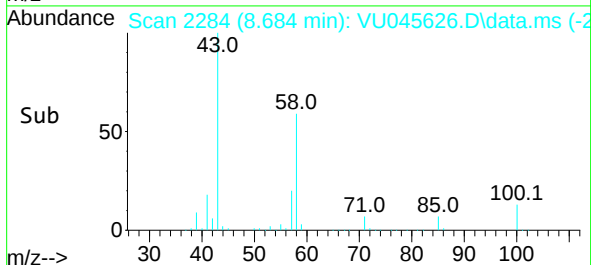
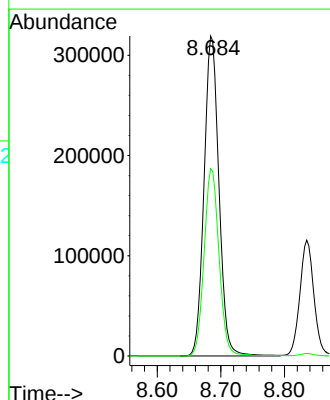
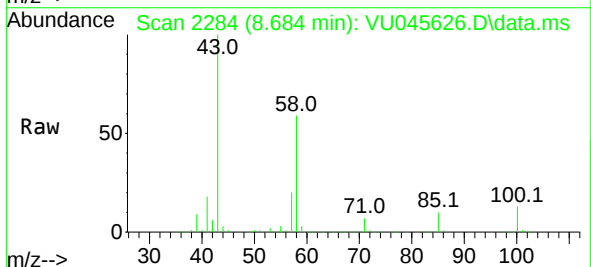
Acq: 08 Nov 2021 19:22

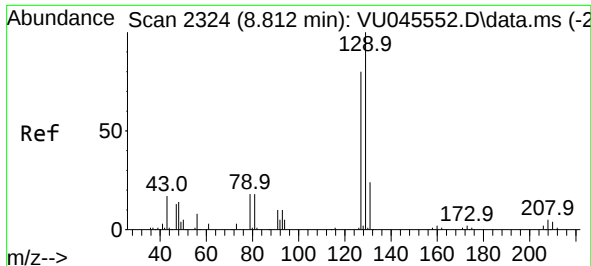
Tgt Ion: 43 Resp: 519116

Ion Ratio Lower Upper

43 100

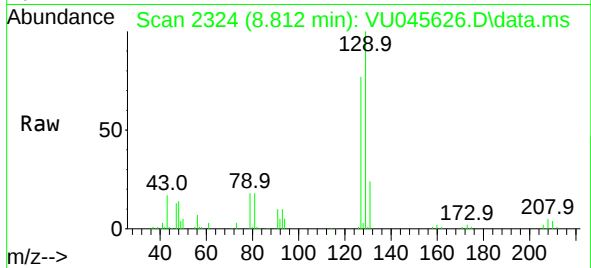
58 58.8 29.5 88.6





#60
Dibromochloromethane
Concen: 50.720 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

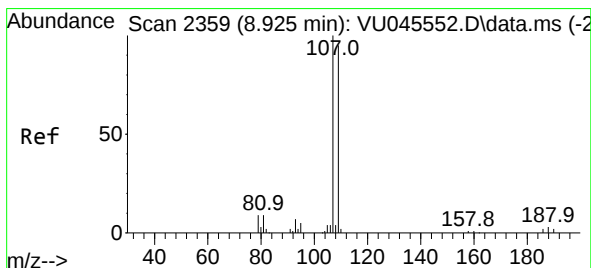
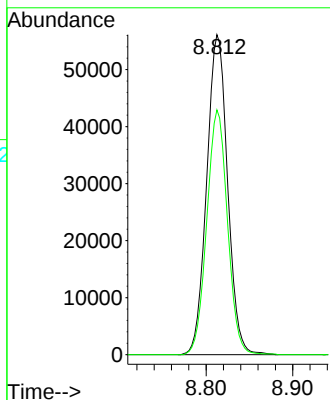
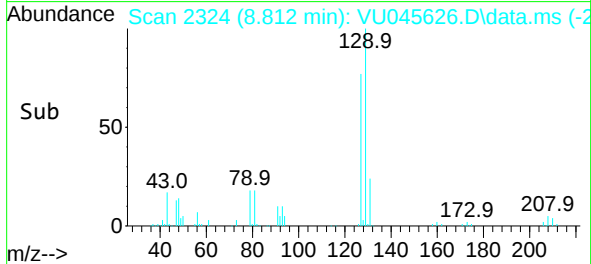
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion:129 Resp: 94170
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.3

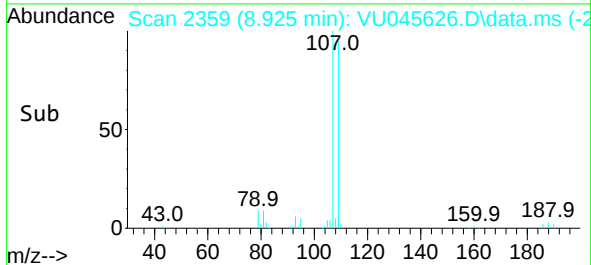
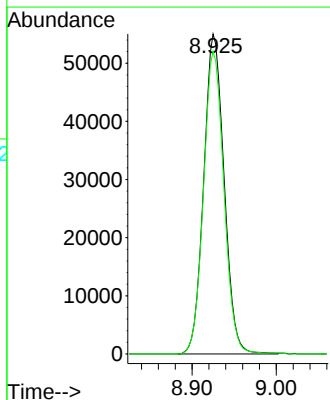
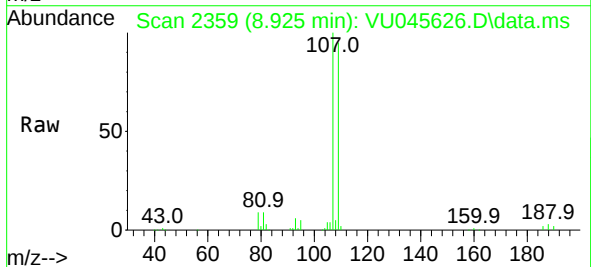
Manual Integrations
APPROVED

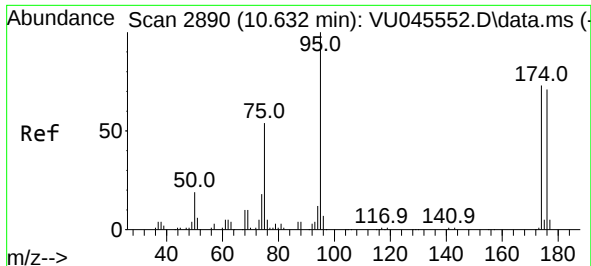
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#61
1,2-Dibromoethane
Concen: 48.399 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

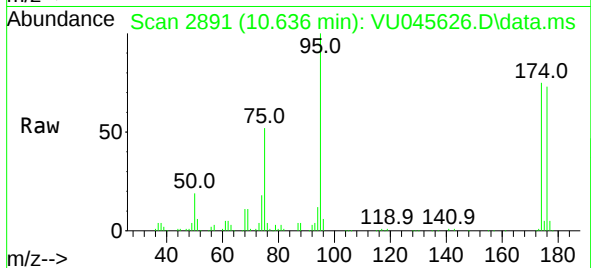
Tgt Ion:107 Resp: 92561
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8





#62
4-Bromofluorobenzene
Concen: 45.172 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

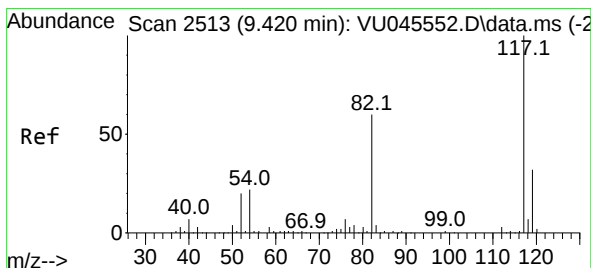
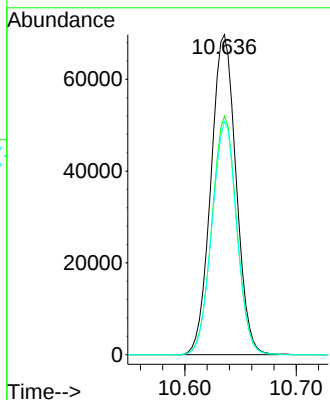
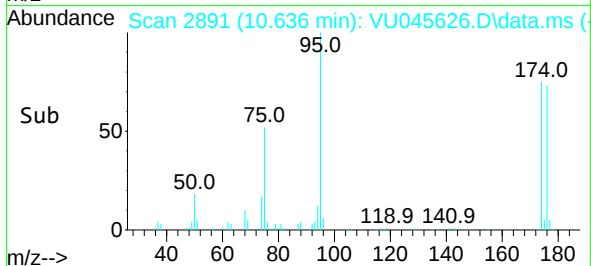
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



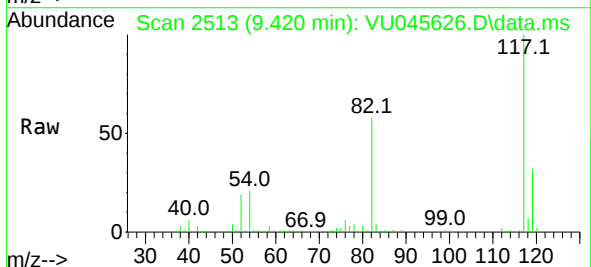
Tgt Ion: 95 Resp: 109472
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.8
176 72.1 0.0 138.2

Manual Integrations
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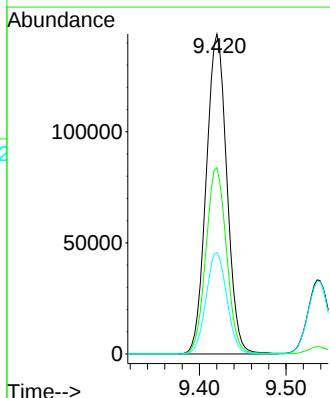
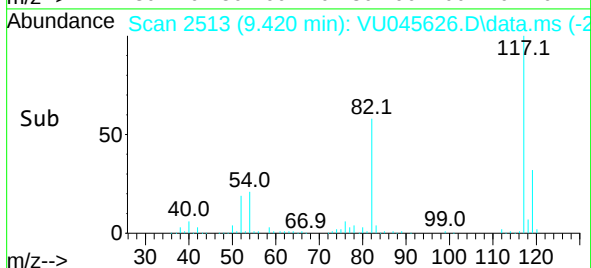
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

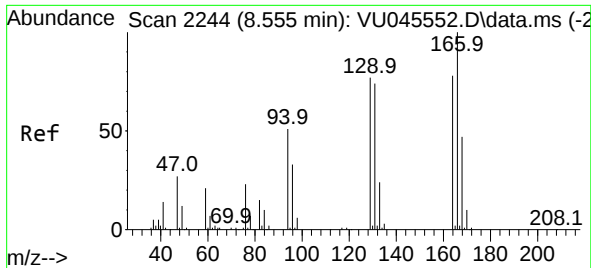


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



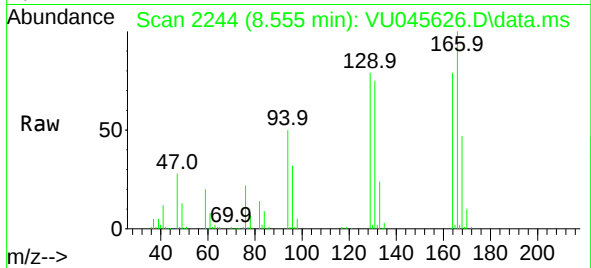
Tgt Ion:117 Resp: 238428
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.8
119 31.7 25.8 38.8





#64
Tetrachloroethene
Concen: 48.144 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

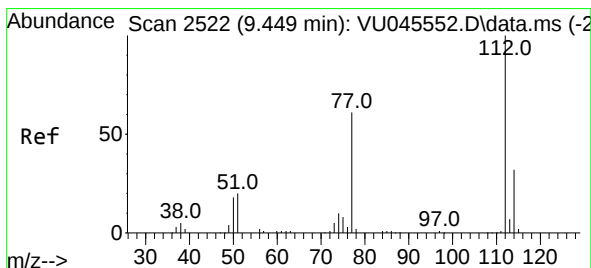
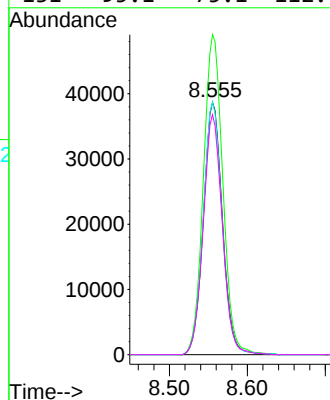
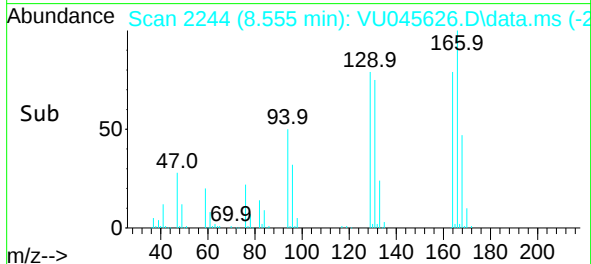
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion:164 Resp: 6588
Ion Ratio Lower Upper
164 100
166 126.8 102.2 153.4
129 100.1 78.2 117.4
131 95.1 75.1 112.7

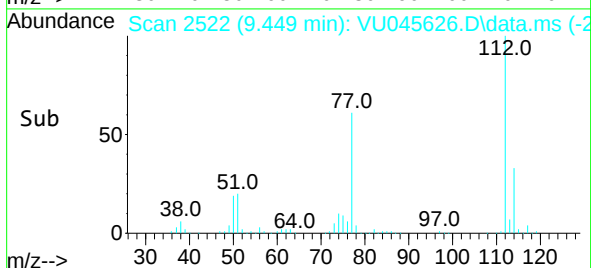
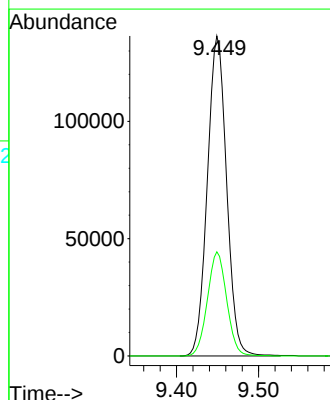
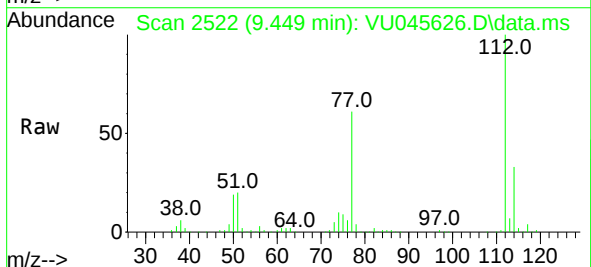
Manual Integrations
APPROVED

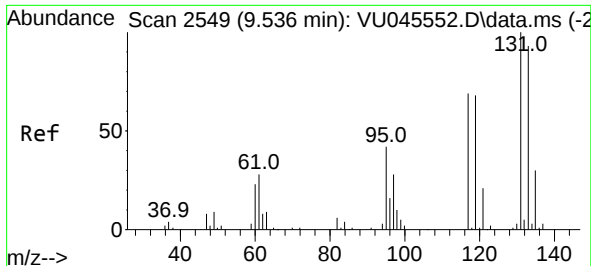
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#65
Chlorobenzene
Concen: 47.453 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

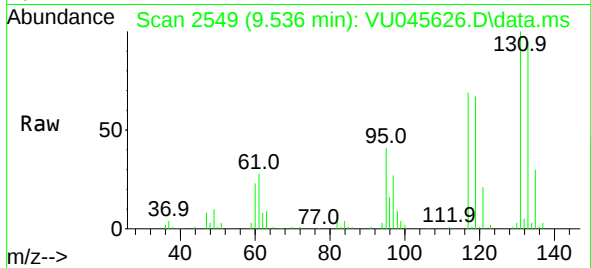
Tgt Ion:112 Resp: 222240
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 48.475 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

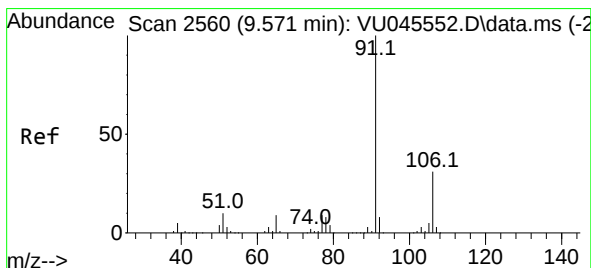
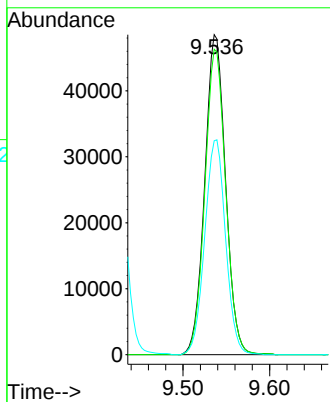
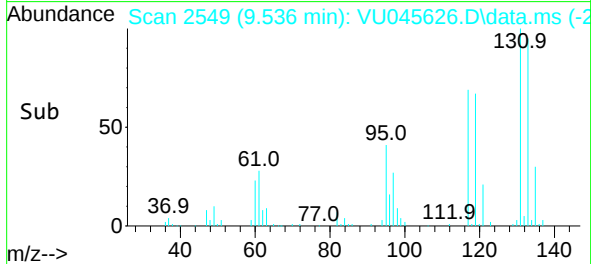
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion:131 Resp: 80968
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 67.5 34.5 103.6

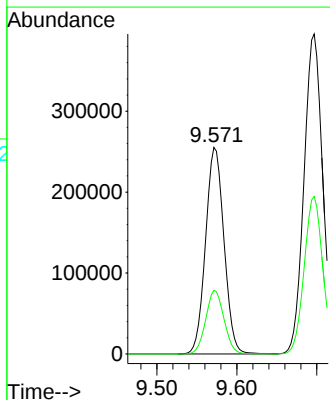
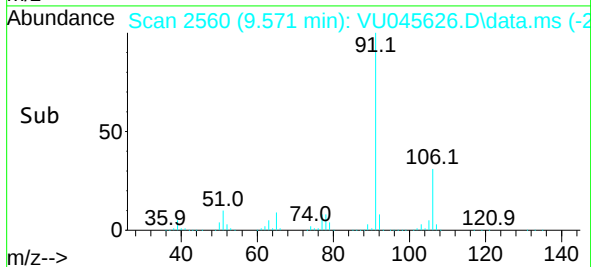
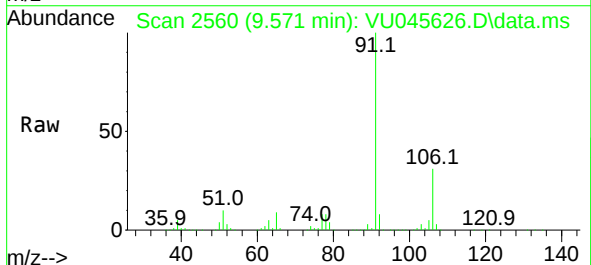
Manual Integrations
APPROVED

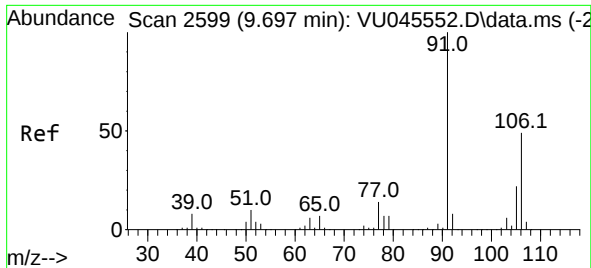
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#67
Ethyl Benzene
Concen: 48.816 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

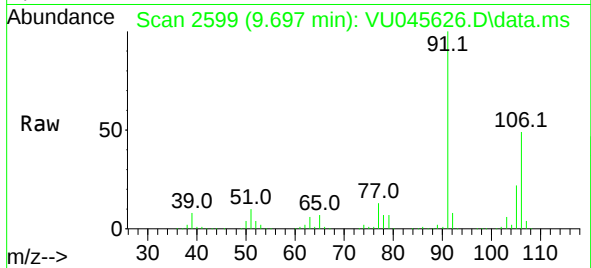
Tgt Ion: 91 Resp: 409422
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8





#68
m/p-Xylenes
Concen: 99.748 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

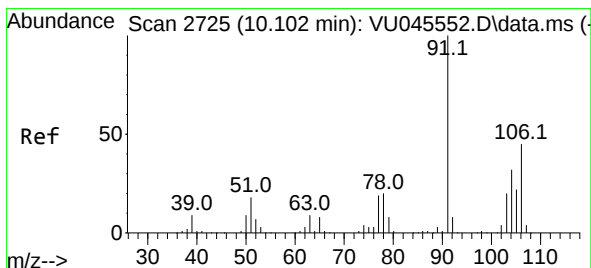
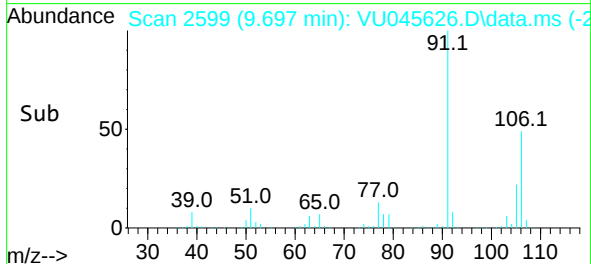
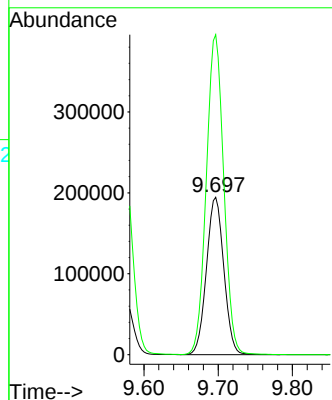
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion:106 Resp: 315500
Ion Ratio Lower Upper
106 100
91 204.2 164.7 247.1

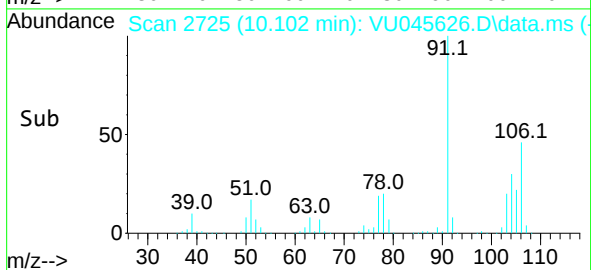
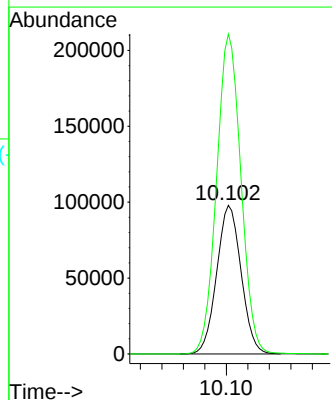
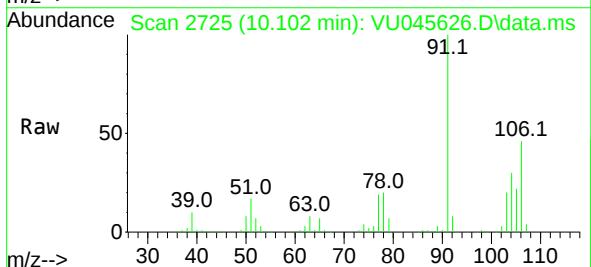
Manual Integrations
APPROVED

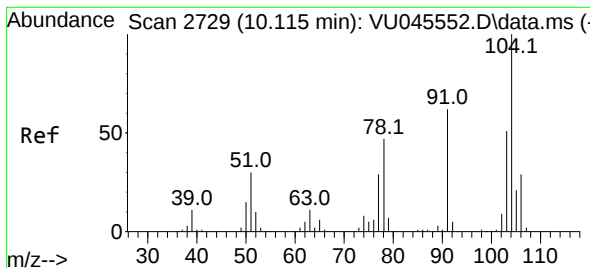
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#69
o-Xylene
Concen: 50.236 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

Tgt Ion:106 Resp: 154483
Ion Ratio Lower Upper
106 100
91 214.9 108.7 326.3





#70

Styrene

Concen: 49.666 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-498-500MSD

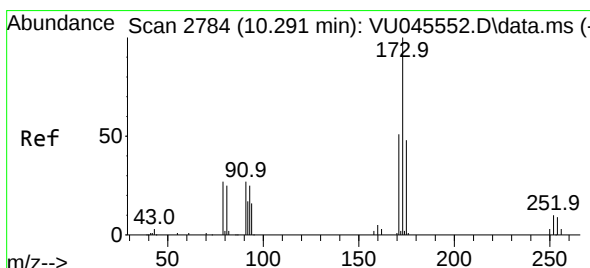
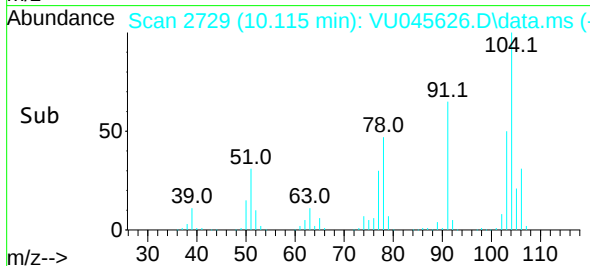
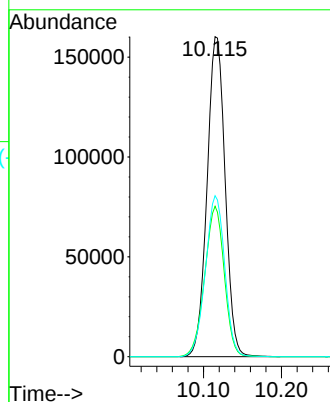
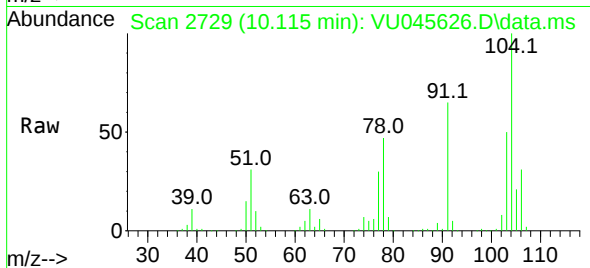
Tgt Ion:104	Resp: 25838
Ion Ratio	Lower Upper
104 100	
78 50.8	41.8 62.6
103 53.9	43.8 65.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#71

Bromoform

Concen: 44.812 ug/l

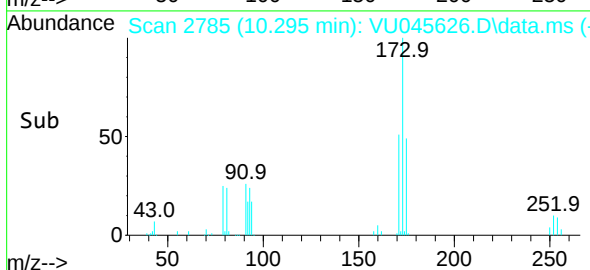
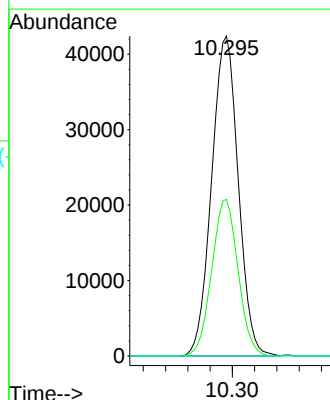
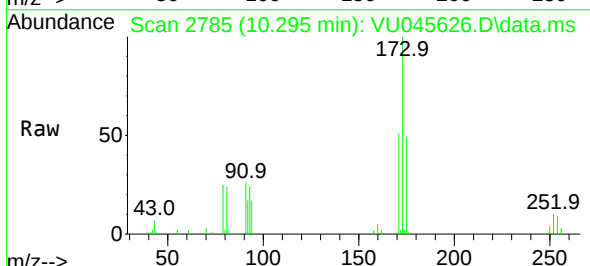
RT: 10.295 min Scan# 2785

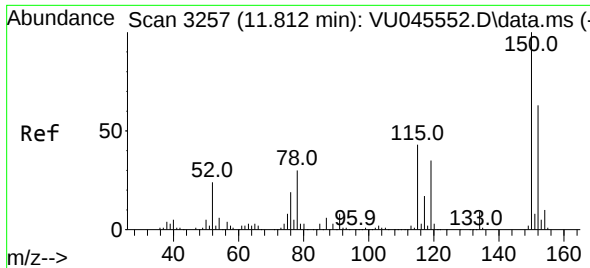
Delta R.T. 0.004 min

Lab File: VU045626.D

Acq: 08 Nov 2021 19:22

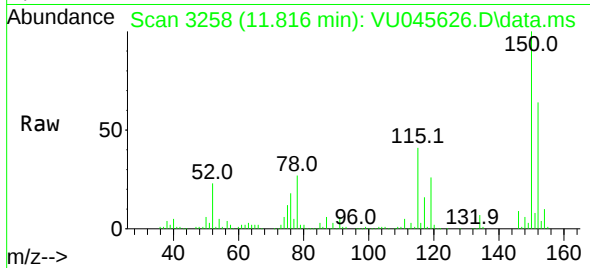
Tgt Ion:173	Resp: 70305
Ion Ratio	Lower Upper
173 100	
175 48.4	24.1 72.2
254 0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

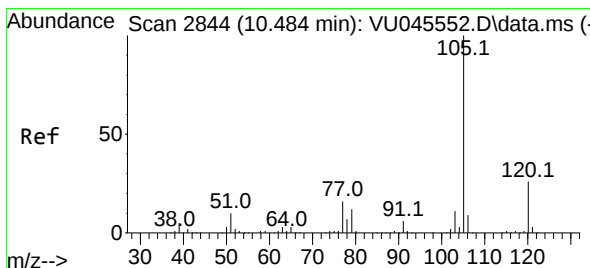
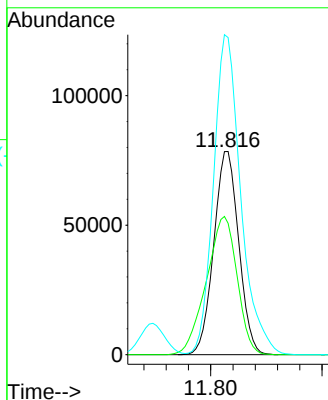
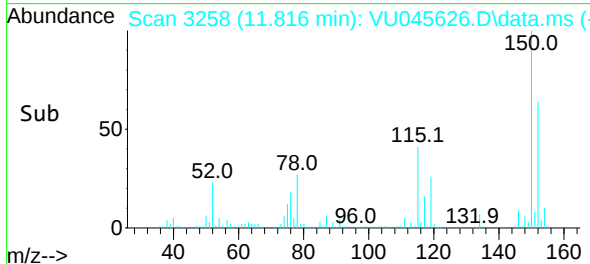
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



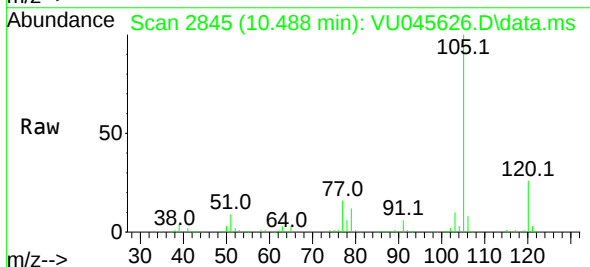
Tgt Ion:152 Resp: 12198
Ion Ratio Lower Upper
152 100
115 83.8 42.7 128.1
150 172.3 0.0 346.8

Manual Integrations
APPROVED

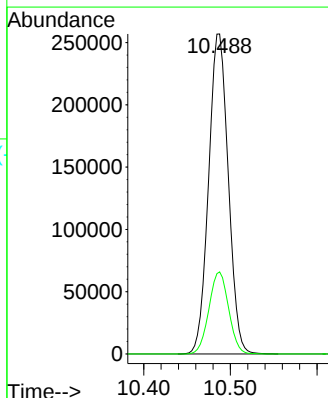
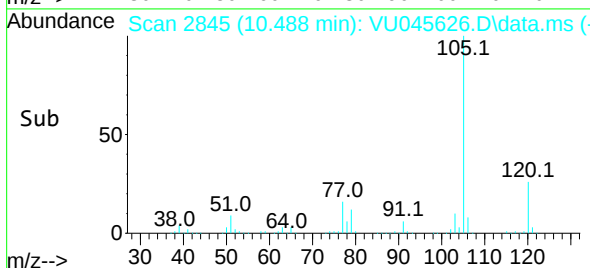
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

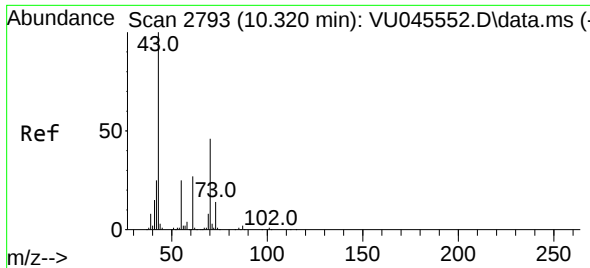


#73
Isopropylbenzene
Concen: 50.810 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



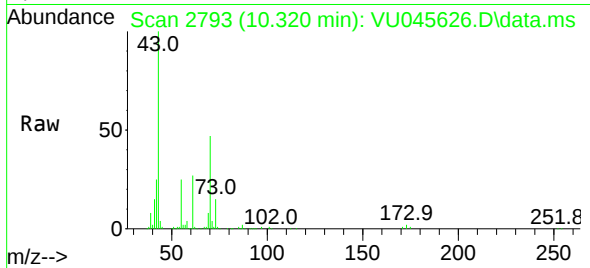
Tgt Ion:105 Resp: 404963
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6





#74
N-amy1 acetate
Concen: 48.279 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

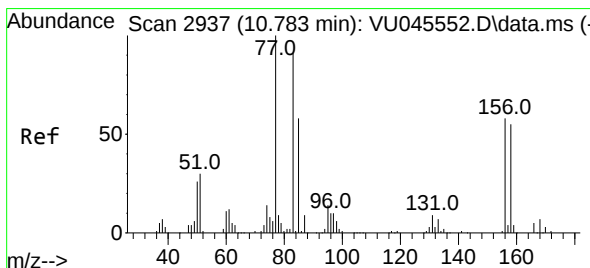
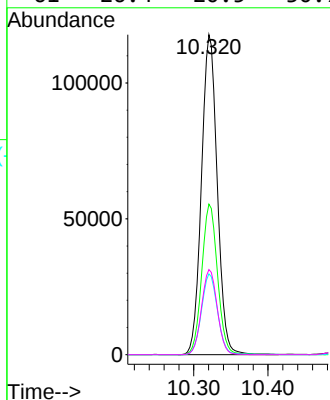
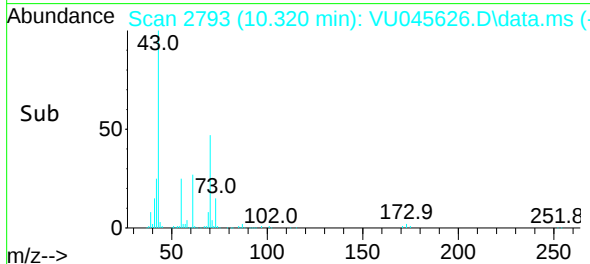
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



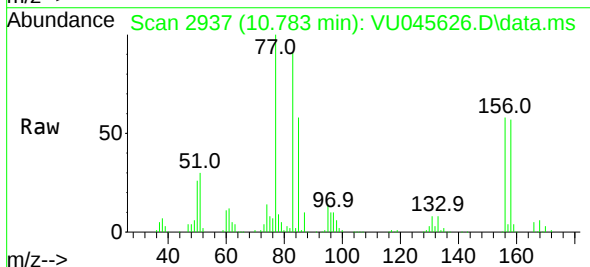
Tgt Ion: 43 Resp: 17358
Ion Ratio Lower Upper
43 100
70 46.9 36.9 55.3
55 25.5 20.6 31.0
61 26.4 20.5 30.7

Manual Integrations
APPROVED

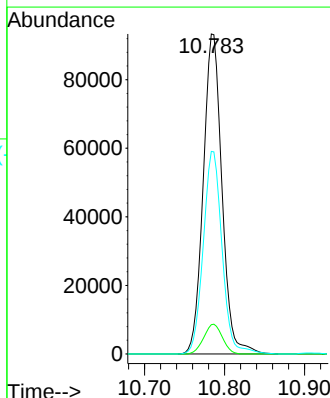
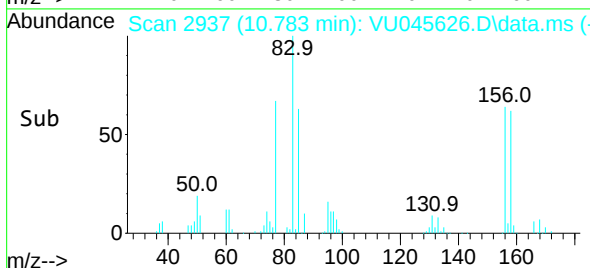
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

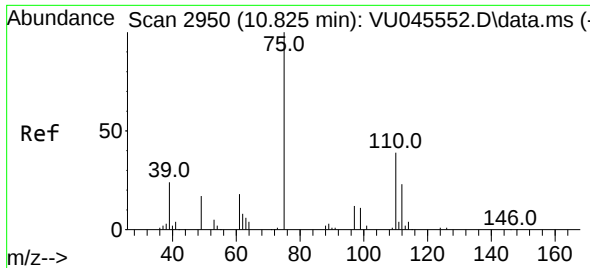


#75
1,1,2,2-Tetrachloroethane
Concen: 48.192 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



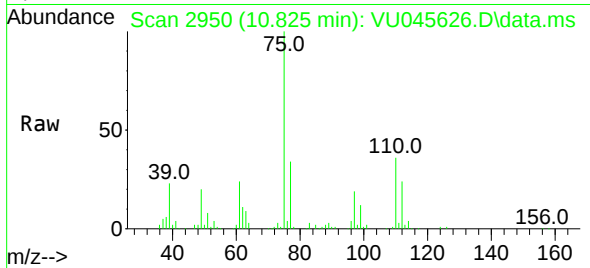
Tgt Ion: 83 Resp: 152180
Ion Ratio Lower Upper
83 100
131 9.2 4.4 13.2
85 63.6 31.9 95.9





#76
1,2,3-Trichloropropane
Concen: 36.959 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

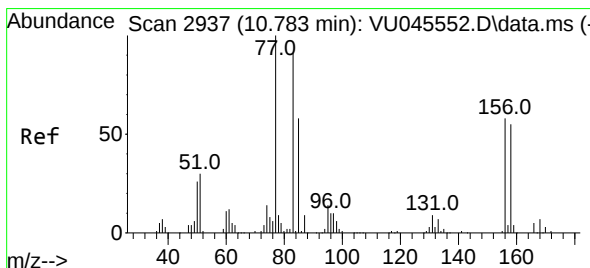
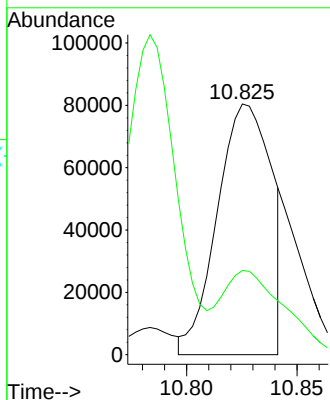
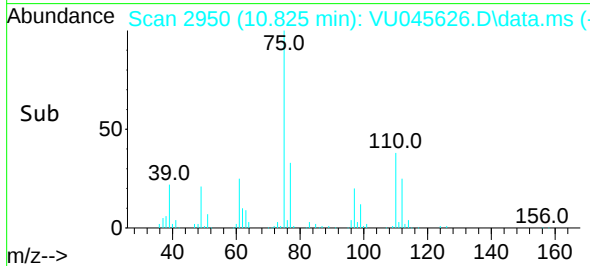
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



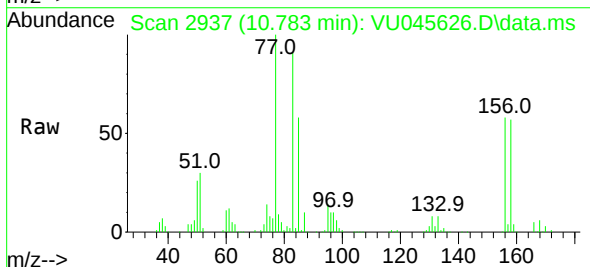
Tgt Ion: 75 Resp: 136719
Ion Ratio Lower Upper
75 100
77 39.8 17.1 51.3

Manual Integrations
APPROVED

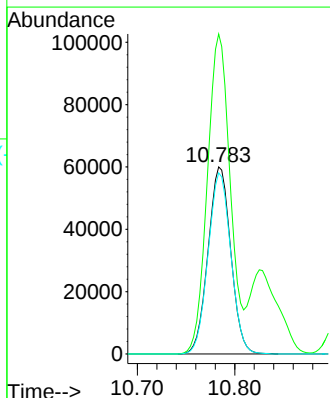
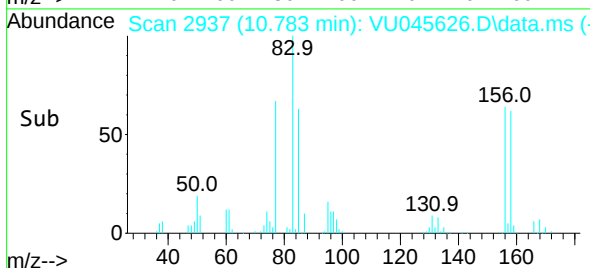
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

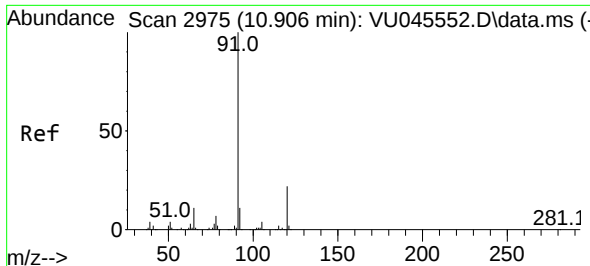


#77
Bromobenzene
Concen: 50.223 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



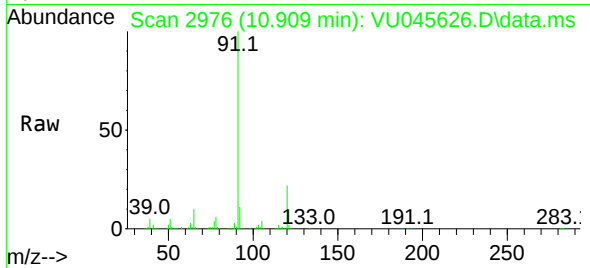
Tgt Ion:156 Resp: 97186
Ion Ratio Lower Upper
156 100
77 171.4 91.1 273.4
158 96.8 47.9 143.6





#78
n-propylbenzene
Concen: 49.171 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

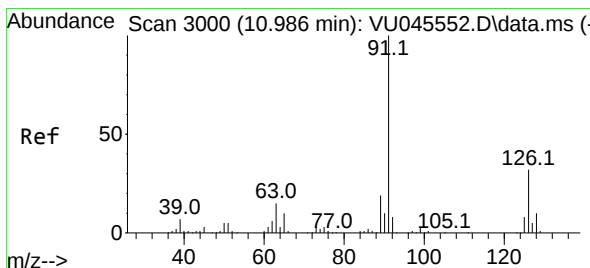
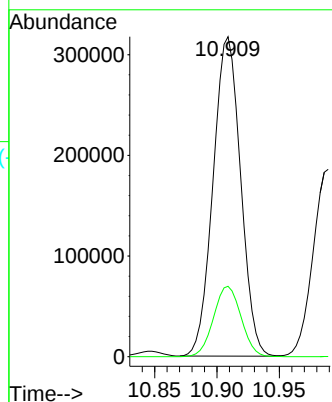
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion: 91 Resp: 48776
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.7

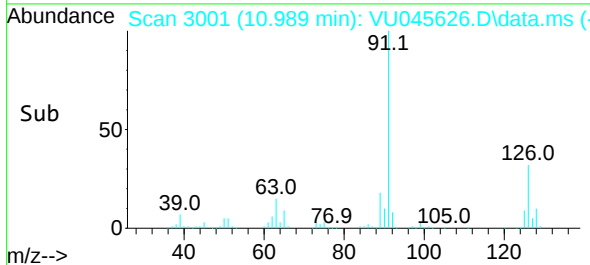
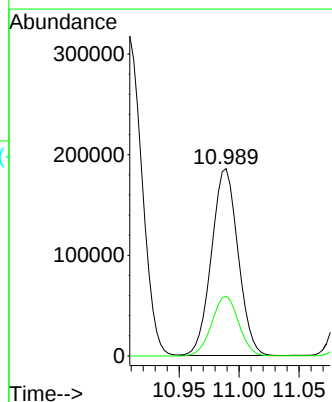
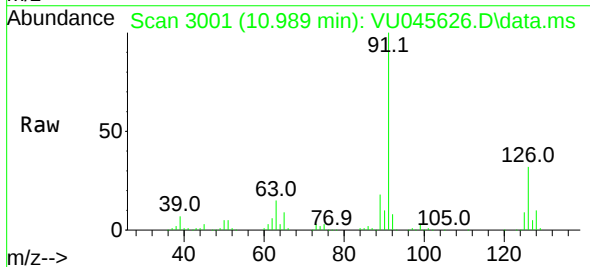
Manual Integrations
APPROVED

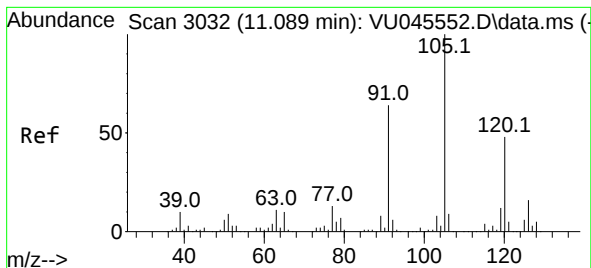
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#79
2-Chlorotoluene
Concen: 48.825 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

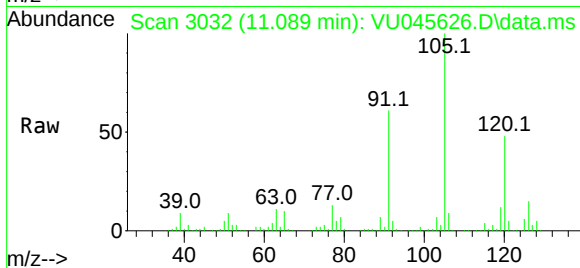
Tgt Ion: 91 Resp: 286147
Ion Ratio Lower Upper
91 100
126 32.4 15.6 46.8





#80
1,3,5-Trimethylbenzene
Concen: 49.730 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

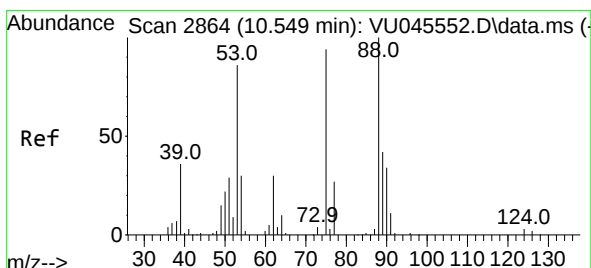
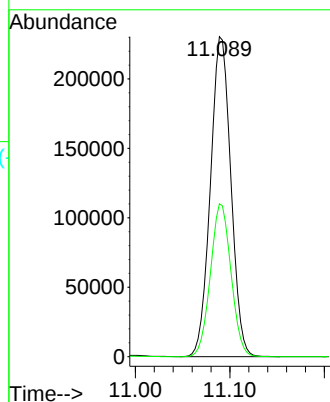
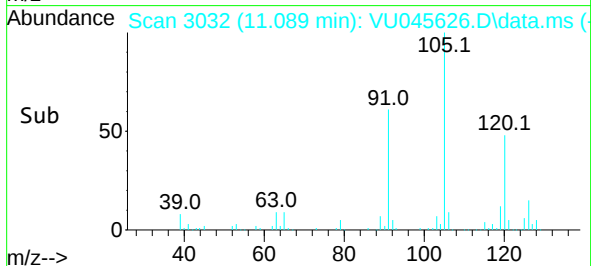
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion:105 Resp: 346304
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.8

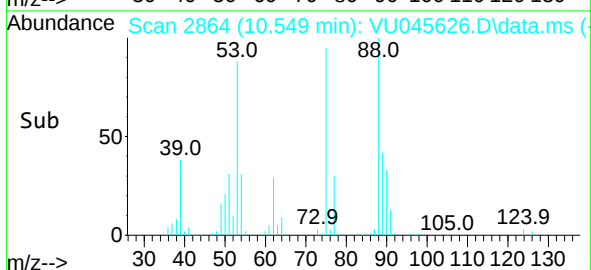
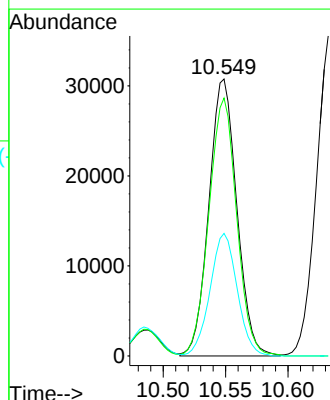
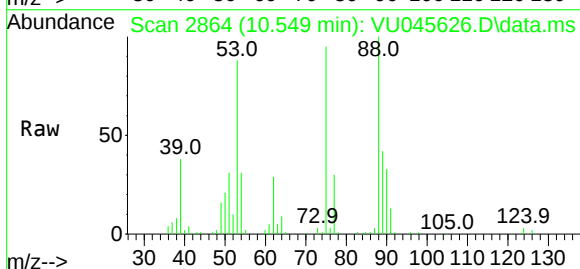
Manual Integrations
APPROVED

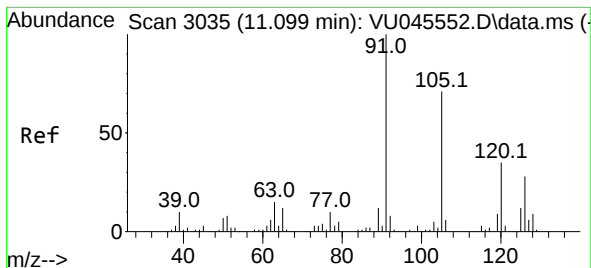
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#81
trans-1,4-Dichloro-2-butene
Concen: 42.945 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

Tgt Ion: 75 Resp: 47987
Ion Ratio Lower Upper
75 100
53 92.9 76.2 114.4
89 43.2 34.0 51.0





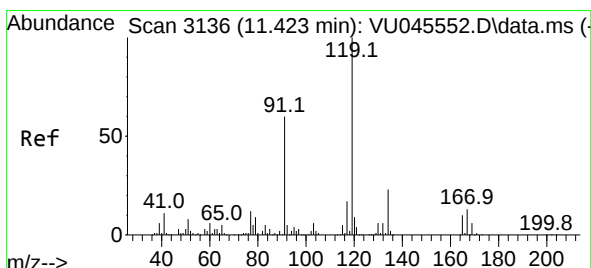
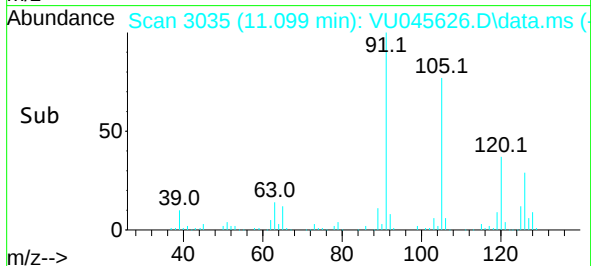
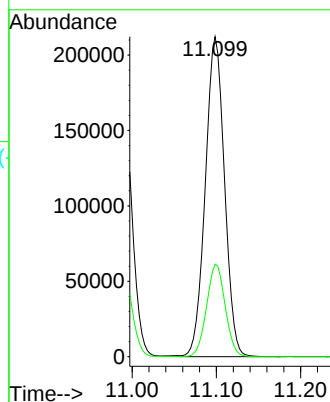
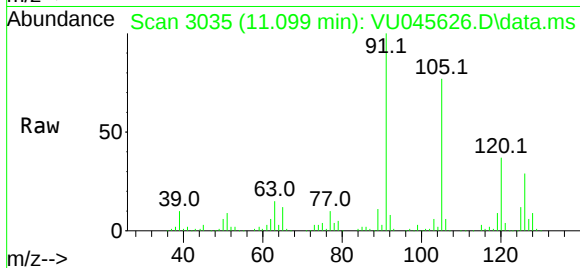
#82
4-Chlorotoluene
Concen: 48.910 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD

Tgt Ion: 91 Resp: 33616
Ion Ratio Lower Upper
91 100
126 28.0 13.8 41.4

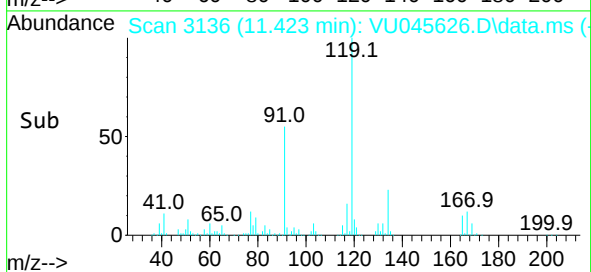
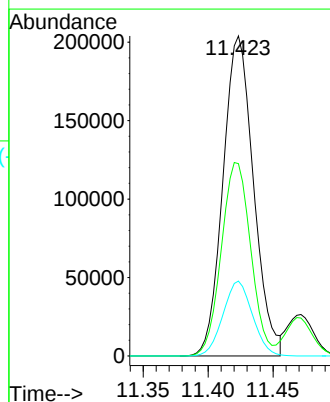
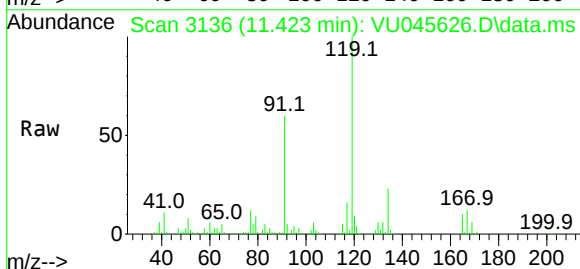
Manual Integrations
APPROVED

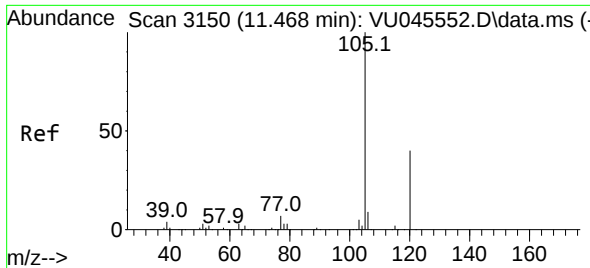
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#83
tert-Butylbenzene
Concen: 50.339 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

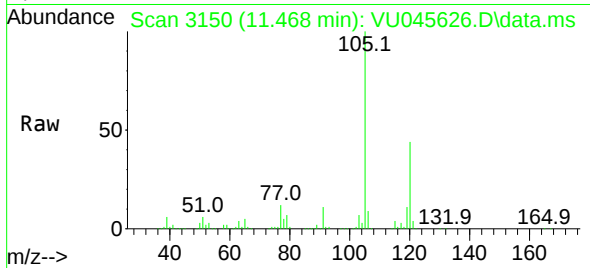
Tgt Ion:119 Resp: 334152
Ion Ratio Lower Upper
119 100
91 58.0 30.5 91.5
134 22.5 11.5 34.5





#84
1,2,4-Trimethylbenzene
Concen: 50.340 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

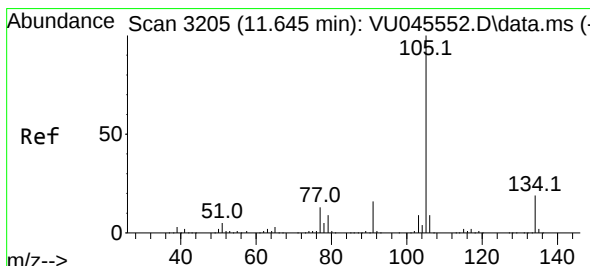
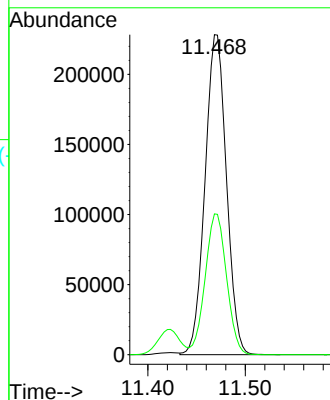
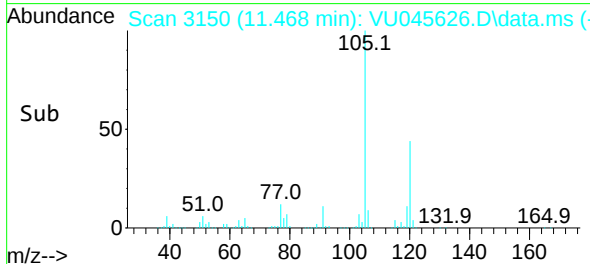
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



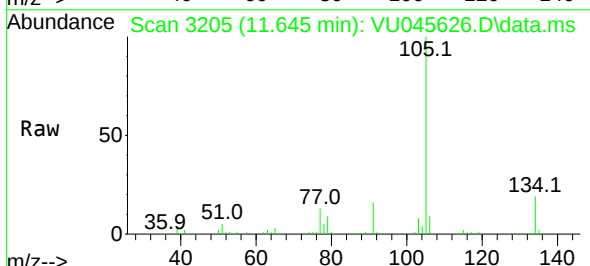
Tgt Ion:105 Resp: 348400
Ion Ratio Lower Upper
105 100
120 43.9 22.2 66.6

Manual Integrations
APPROVED

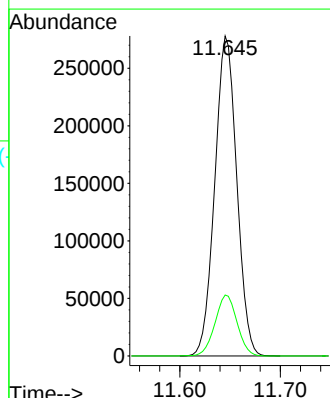
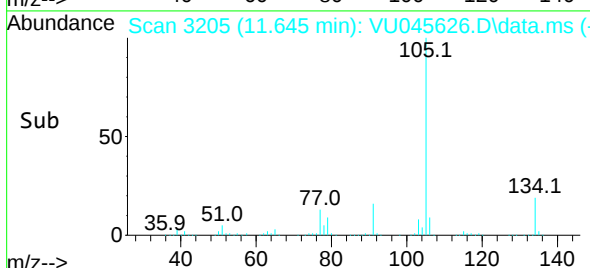
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

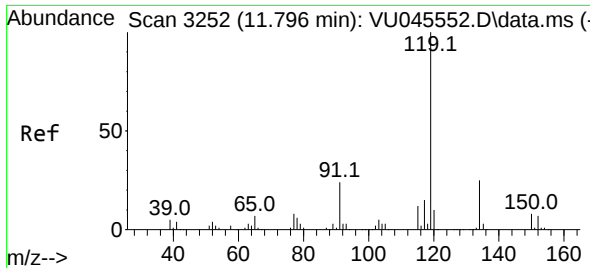


#85
sec-Butylbenzene
Concen: 47.883 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



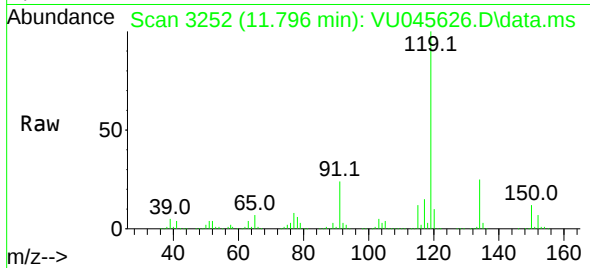
Tgt Ion:105 Resp: 421552
Ion Ratio Lower Upper
105 100
134 19.2 9.4 28.3





#86
p-Isopropyltoluene
Concen: 48.092 ug/l
RT: 11.796 min Scan# 3119
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

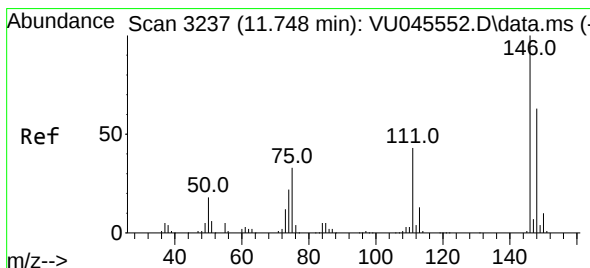
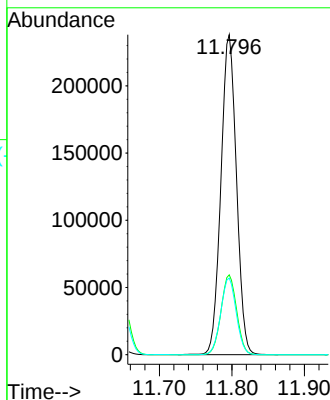
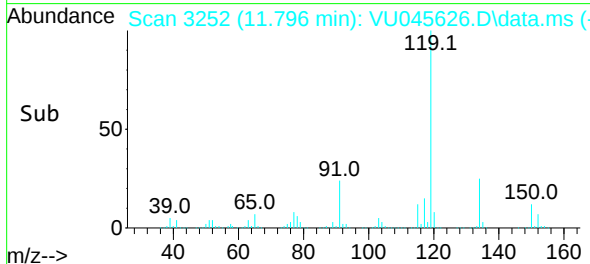
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



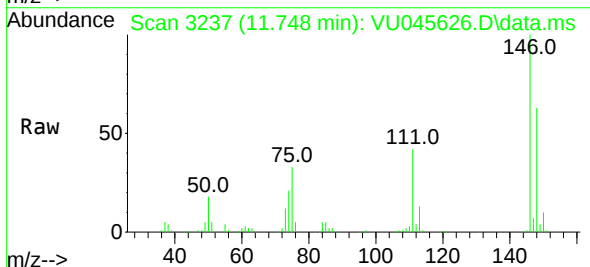
Tgt Ion:119 Resp: 35380
Ion Ratio Lower Upper
119 100
134 25.1 12.7 38.1
91 23.9 12.2 36.4

Manual Integrations
APPROVED

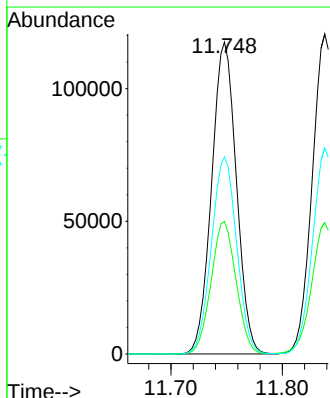
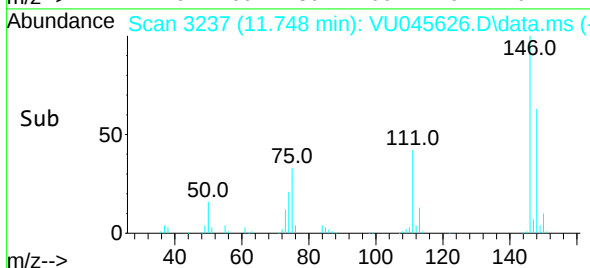
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

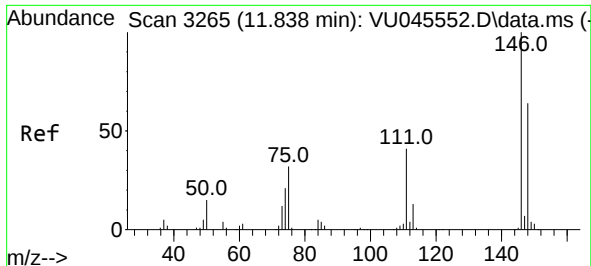


#87
1,3-Dichlorobenzene
Concen: 46.501 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



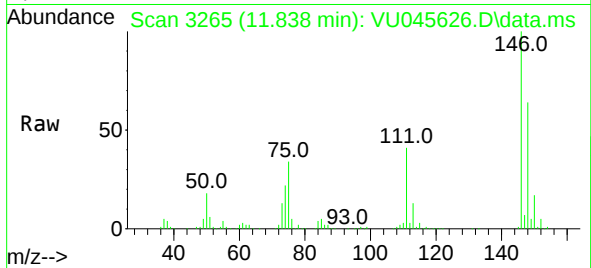
Tgt Ion:146 Resp: 181558
Ion Ratio Lower Upper
146 100
111 42.9 21.3 63.9
148 64.6 31.7 95.1





#88
1,4-Dichlorobenzene
Concen: 47.181 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

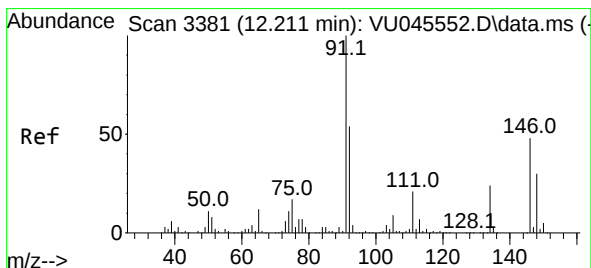
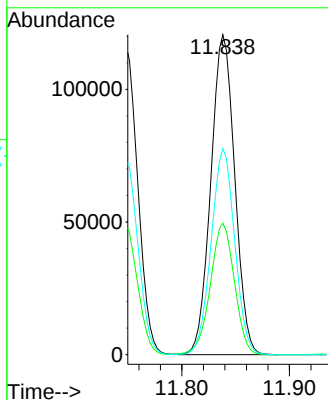
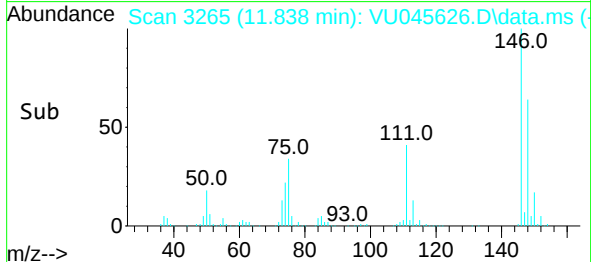
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



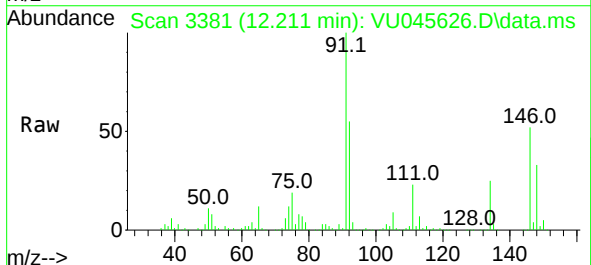
Tgt Ion:146 Resp: 186312
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.9
148 63.6 31.9 95.7

Manual Integrations
APPROVED

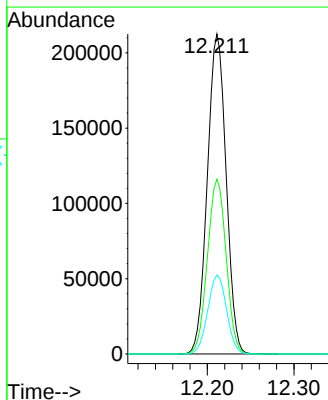
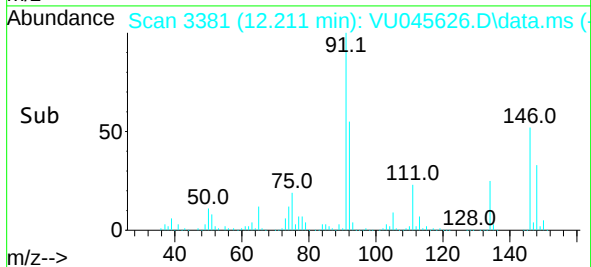
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

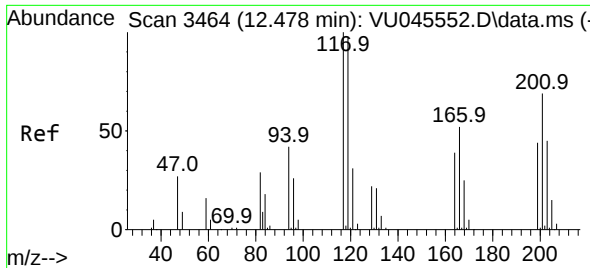


#89
n-Butylbenzene
Concen: 45.136 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



Tgt Ion: 91 Resp: 319867
Ion Ratio Lower Upper
91 100
92 54.4 27.1 81.2
134 24.7 11.8 35.4





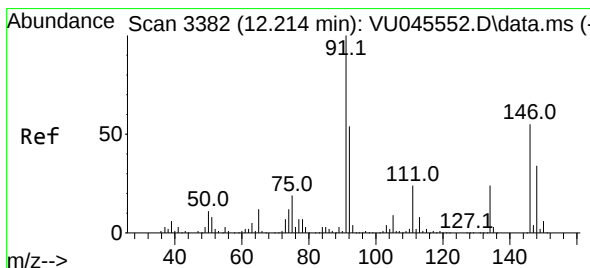
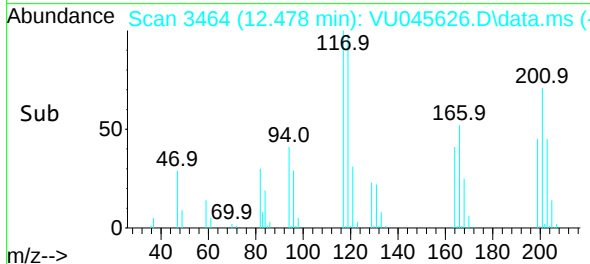
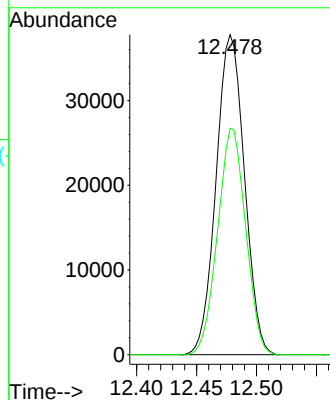
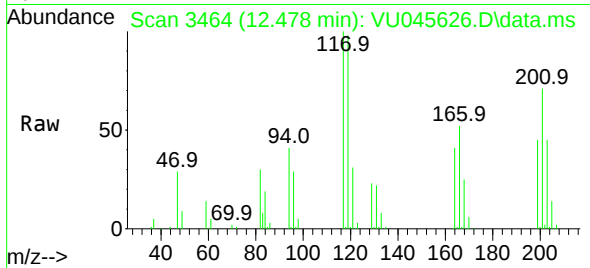
#90
Hexachloroethane
Concen: 46.769 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD

Tgt Ion:117 Resp: 62069
Ion Ratio Lower Upper
117 100
201 70.0 33.8 101.4

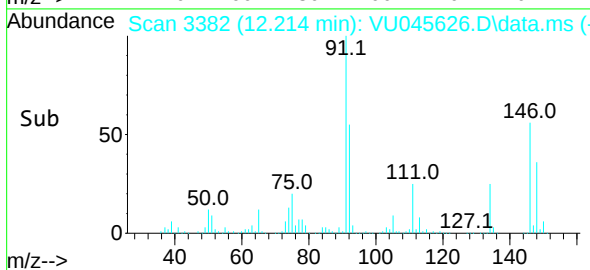
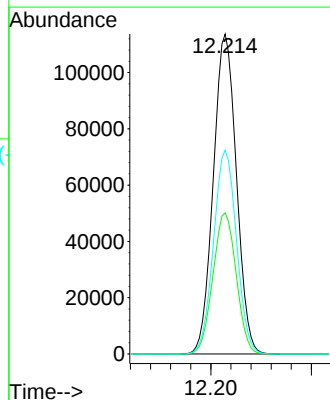
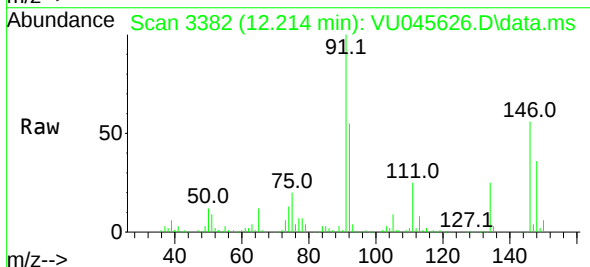
Manual Integrations
APPROVED

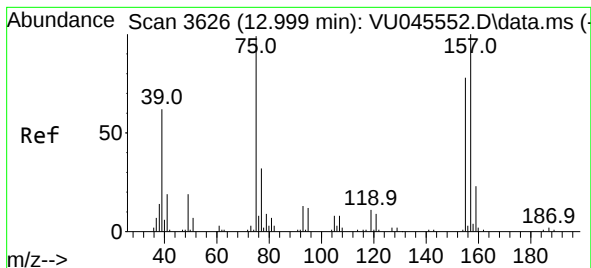
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#91
1,2-Dichlorobenzene
Concen: 47.781 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

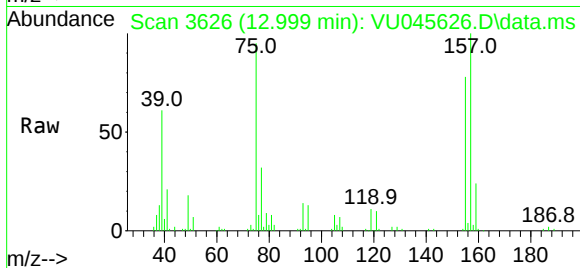
Tgt Ion:146 Resp: 181504
Ion Ratio Lower Upper
146 100
111 44.4 21.9 65.5
148 63.5 32.1 96.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 48.840 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

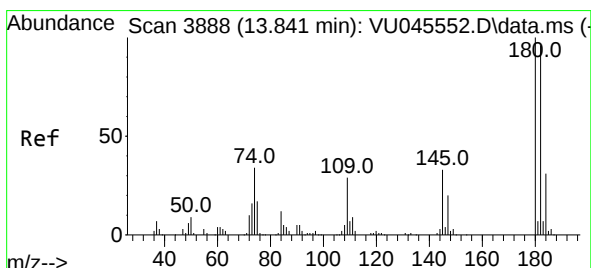
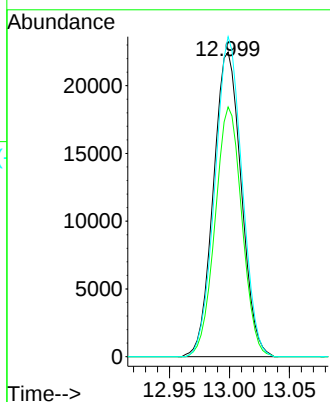
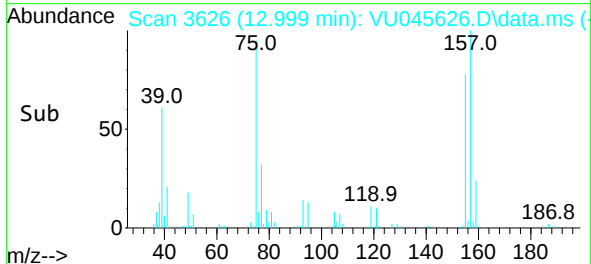
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



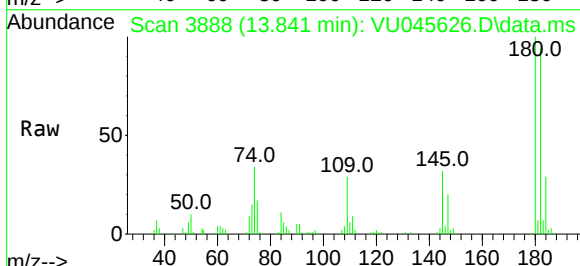
Tgt Ion: 75 Resp: 3639
Ion Ratio Lower Upper
75 100
155 78.6 37.8 113.3
157 101.6 48.4 145.2

Manual Integrations
APPROVED

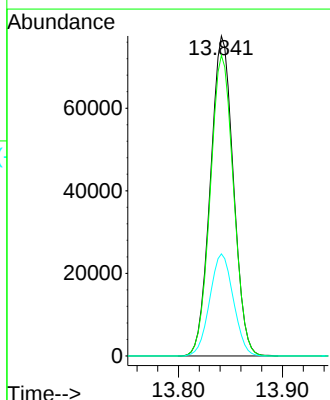
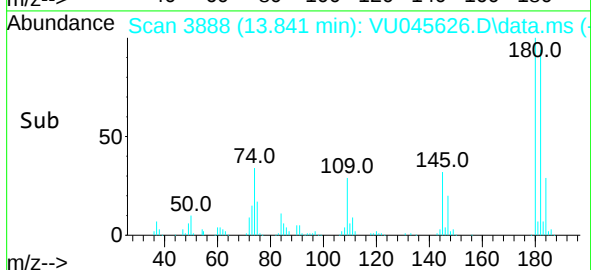
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

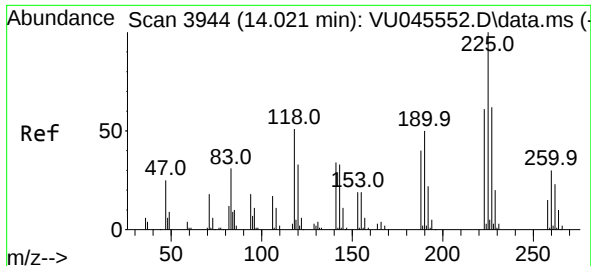


#93
1,2,4-Trichlorobenzene
Concen: 45.161 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22



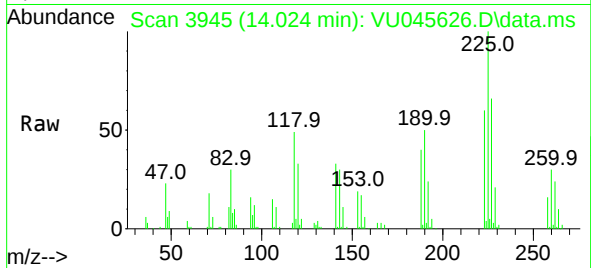
Tgt Ion:180 Resp: 118615
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 32.9 15.6 46.7





#94
Hexachlorobutadiene
Concen: 37.627 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

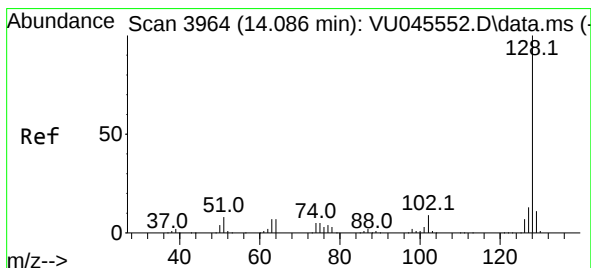
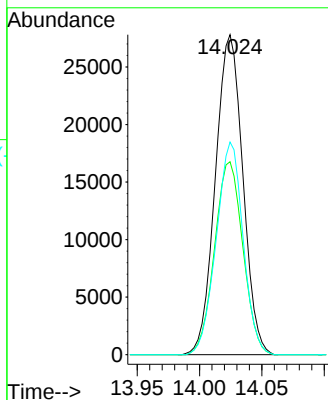
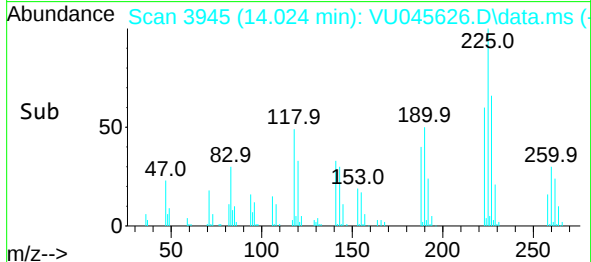
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-498-500MSD



Tgt Ion:225 Resp: 42660
Ion Ratio Lower Upper
225 100
223 62.1 32.0 96.2
227 65.0 31.1 93.5

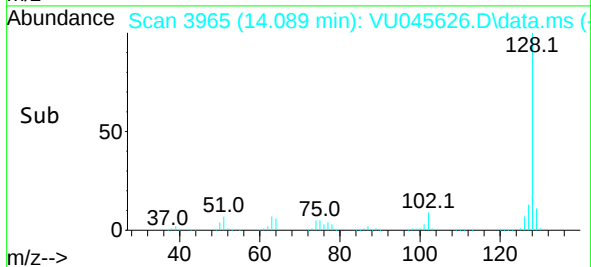
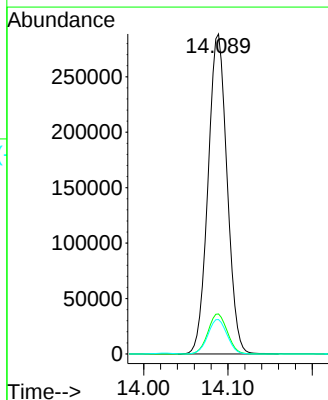
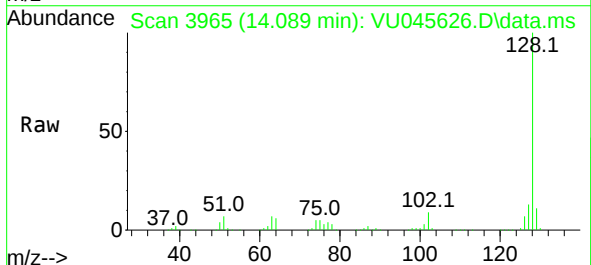
Manual Integrations
APPROVED

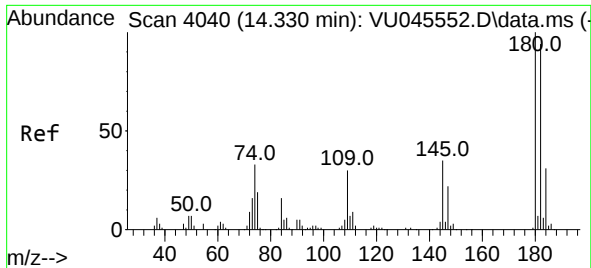
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#95
Naphthalene
Concen: 45.943 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045626.D
Acq: 08 Nov 2021 19:22

Tgt Ion:128 Resp: 452800
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.9 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 46.860 ug/l

RT: 14.333 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU045626.D

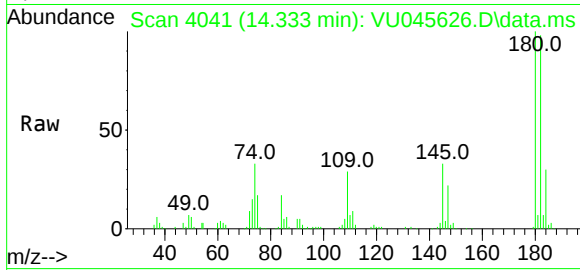
Acq: 08 Nov 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

BP-VPB-RW9-498-500MSD



Tgt Ion:180 Resp: 122248

Ion Ratio Lower Upper

180 100

182 96.8 47.7 143.1

145 34.1 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021

